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FIELD MAINTENANCE PRINT SET

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D-CS-5412554-0-1	CIRCUIT SCHEMATIC

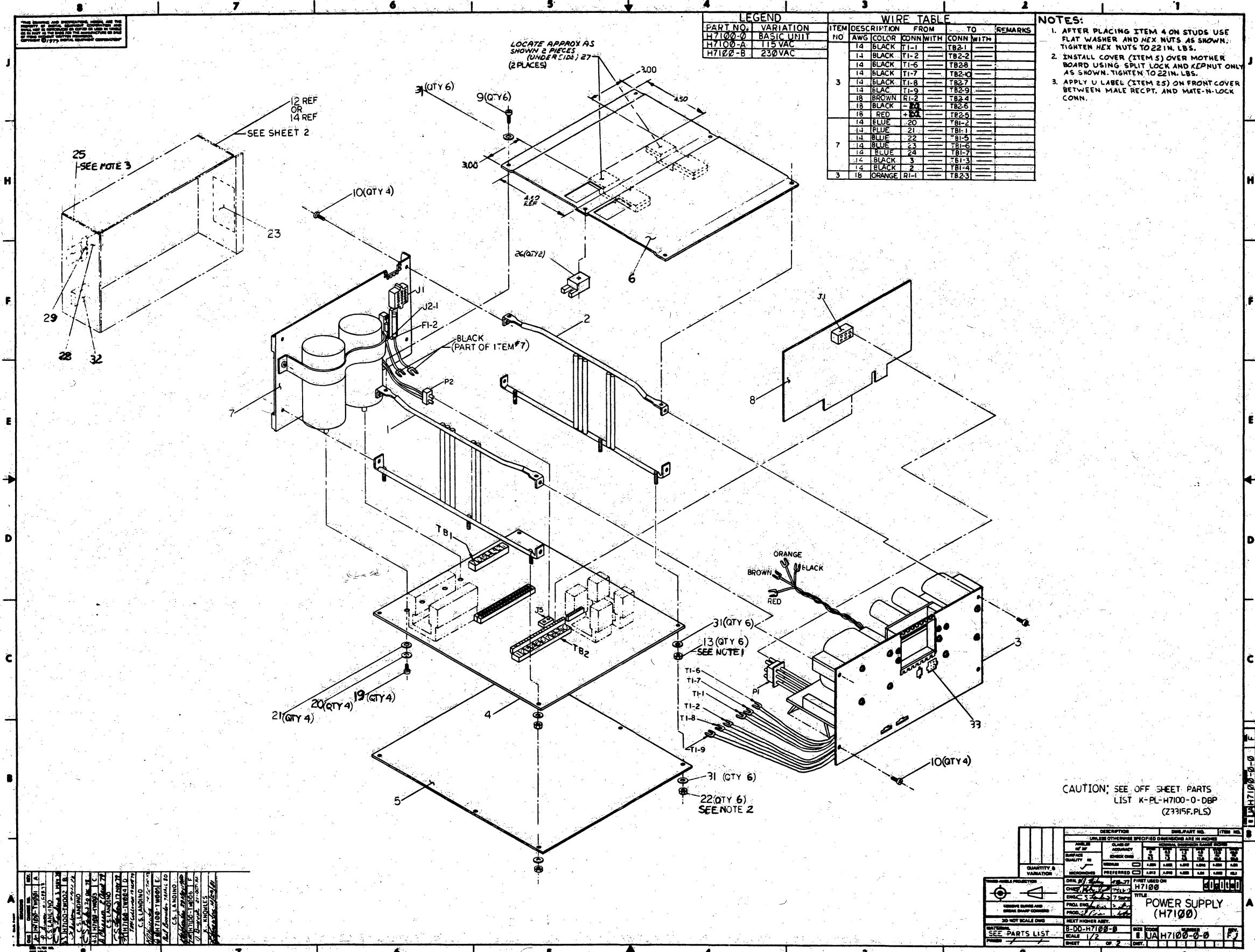
**UNIT VARIATIONS
COVERED BY THIS
PRINT SET**

H7100 Field Maintenance Print Set

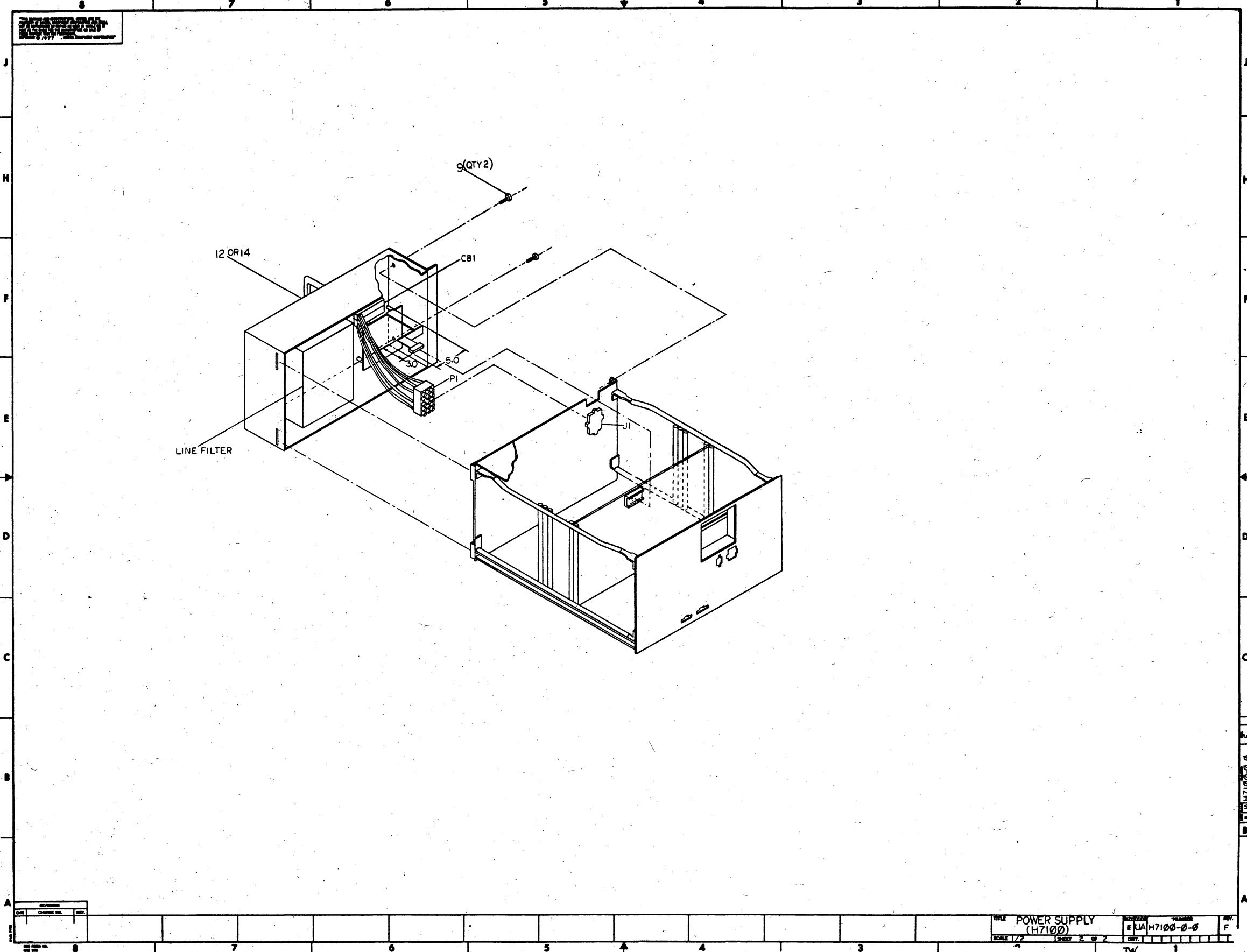
Digital Equipment Corporation

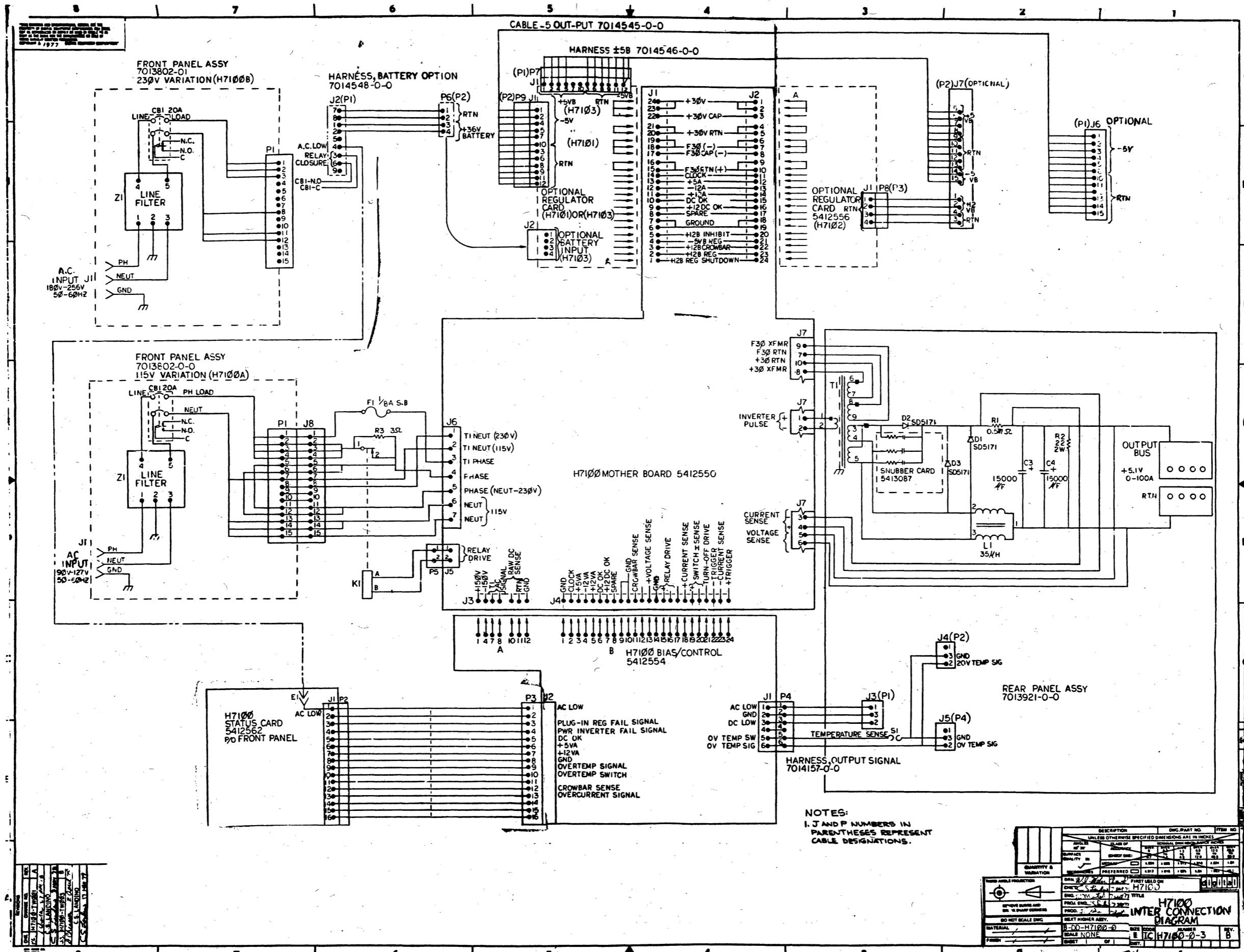
PRINT SET ORDER NO.
MP00480

REVISIONS	CHG. NO.	REV.	PDP11/780	USED ON OPTION/MODEL	DRN.	DATE	TITLE: H7100 POWER SUPPLY
				PDP11/780	W. J. MAHER	3SEPT77	
				CHK'D.	D	DATE	
				<i>W. J. Maher 8 Sept 77</i>			
				PROJ. ENG.		DATE	
				<i>J. E. Drew</i>		8 Sept 77	
				FIELD SERV.		DATE	
				<i>R. Garrison</i>		8 Sept 77	
				SHEET 1 OF 1			



1205

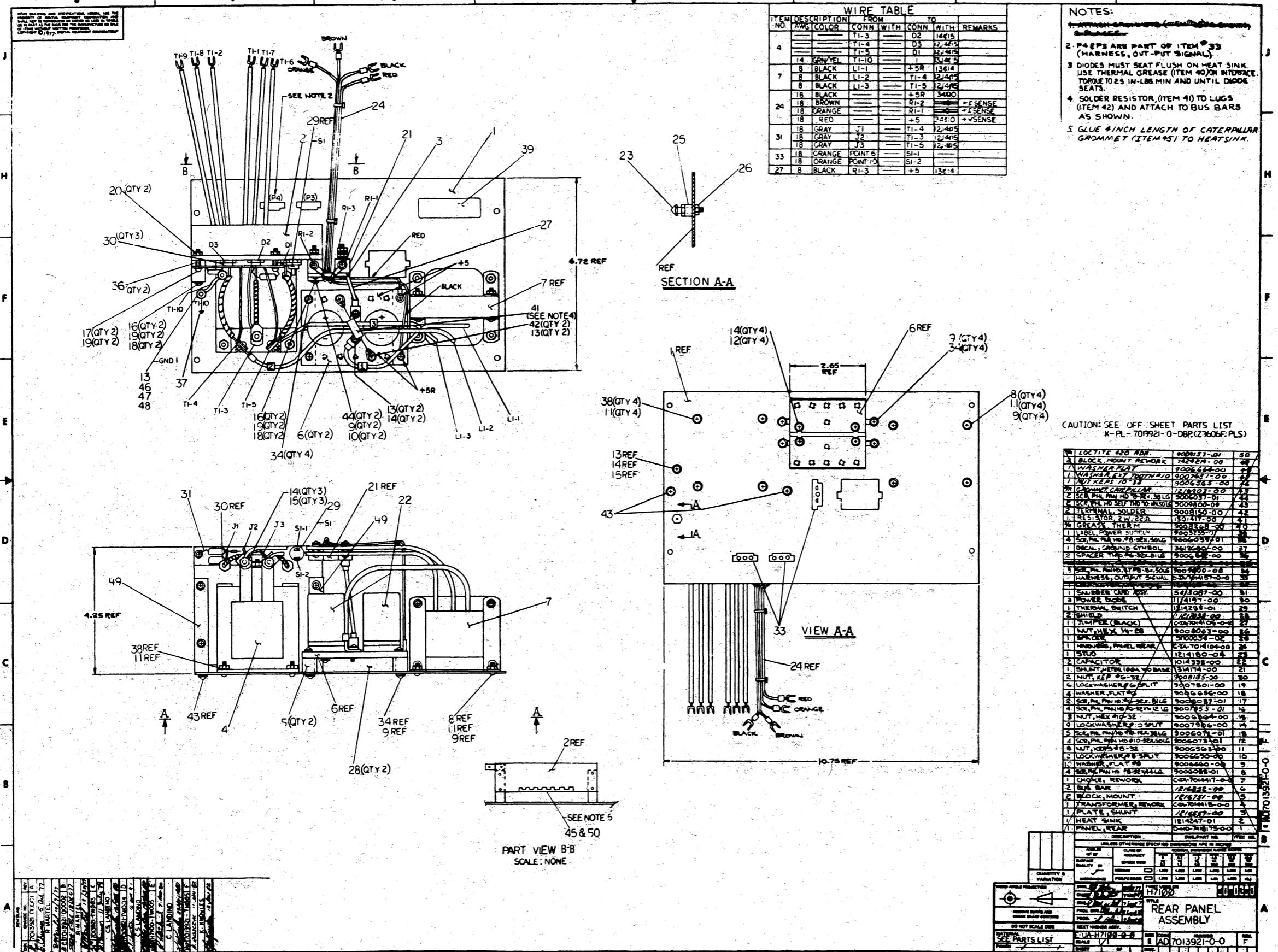




NOTES:

			DESCRIPTION		DRG./PART NO.	ITEM NO.
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
QUANTITY & VARIATION	CLASS OF REVISION	CLASS OF DIMENSION	JOURNAL DIMENSIONS			
			1	2	3	4
SURFACE QUALITY	SIGHT SIZE	0	1	2	3	4
		0.005	0.010	0.015	0.020	0.025
DIMENSIONS	PREFERRED	0.000	0.005	0.010	0.015	0.020
		0.000	0.005	0.010	0.015	0.020
DATE 2/1/67		FIRST USED ON		H7100		digitized
CHECK 5		H7100				
ENG. 100-100		TITLE		H7100		
PROL. ENG. 100-100		H7100				
PROD. 100-100		H7100				
DO NOT SCALE DRAWING		H7100				
SELECT HIGHER ASY.		H7100				
MATERIAL		H-00-H7100-0		DATE ISSUED		REV.
SCALE NONE		H-00-H7100-0-3		IC		B
SHEET 1 OF 1		H7100		SHEET		

1207



4

3

2

1

WIRE TABLE								
ITEM NO.	AWG	COLOR	FROM			TO		
			POINT	CONN	TERM	POINT	CONN	TERM
1	18	BROWN	1	—	5	8	—	5
2	18	ORANGE	2	—	5	7	—	5
3	18	RED	3	—	5	6	—	6
4	18	BLACK	4	—	5	5	—	6

NOTES:

1. USE CABLE TIE(X) ITEM#7 APPROXIMATELY EVERY (3) THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.

WIRE CONNECTIONS:

PARTS LIST:

1	LABEL,CABLE IDENT	9009532-00	8
X	ART TIE,CABLE	9007031-00	7
△	2 TERMINAL, RING 22-16AWG	9007930-00	6
○	6 TERMINAL, SPADE TONGUE INS	9009695-04	5
AIR	WIRE,18 AWG STRD BLACK	9107360-00	4
AIR	WIRE,18 AWG STRD RED	9107360-22	3
AIR	WIRE,18 AWG STRD ORANGE	9107360-33	2
AIR	WIRE,18 AWG STRD BROWN	9107360-11	1

QUALITY & VARIATION:

SYMBOL	QTY	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES								
		ANGLES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY IN	MEDIUM	±0° 30'		(CHECK ONE)		OVER 0 TO 12	OVER 0.2 TO 1.2	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.004		±.008		±.012	±.018	±.024	±.04	
MICRONCHES		PREFERRED		±.012	±.016	±.025	±.04	±.08	±.16	

THIRD ANGLE PROJECTION:

REVISIONS:

CHK	CHANGE NO.	REV.
✓	7014104-00001	A
✓	2008777	
D. MARTEL		
	2008777	

NOTES:

1. USE CABLE TIE(X) ITEM#7 APPROXIMATELY EVERY (3) THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.

WIRE CONNECTIONS:

PARTS LIST:

1	LABEL,CABLE IDENT	9009532-00	8
X	ART TIE,CABLE	9007031-00	7
△	2 TERMINAL, RING 22-16AWG	9007930-00	6
○	6 TERMINAL, SPADE TONGUE INS	9009695-04	5
AIR	WIRE,18 AWG STRD BLACK	9107360-00	4
AIR	WIRE,18 AWG STRD RED	9107360-22	3
AIR	WIRE,18 AWG STRD ORANGE	9107360-33	2
AIR	WIRE,18 AWG STRD BROWN	9107360-11	1

QUALITY & VARIATION:

SYMBOL	QTY	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES								
		ANGLES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY IN	MEDIUM	±0° 30'		(CHECK ONE)		OVER 0 TO 12	OVER 0.2 TO 1.2	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.004		±.008		±.012	±.018	±.024	±.04	
MICRONCHES		PREFERRED		±.012	±.016	±.025	±.04	±.08	±.16	

THIRD ANGLE PROJECTION:

REVISIONS:

CHK	CHANGE NO.	REV.
✓	7014104-00001	A
✓	2008777	
D. MARTEL		
	2008777	

NOTES:

1. USE CABLE TIE(X) ITEM#7 APPROXIMATELY EVERY (3) THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.

WIRE CONNECTIONS:

PARTS LIST:

1	LABEL,CABLE IDENT	9009532-00	8
X	ART TIE,CABLE	9007031-00	7
△	2 TERMINAL, RING 22-16AWG	9007930-00	6
○	6 TERMINAL, SPADE TONGUE INS	9009695-04	5
AIR	WIRE,18 AWG STRD BLACK	9107360-00	4
AIR	WIRE,18 AWG STRD RED	9107360-22	3
AIR	WIRE,18 AWG STRD ORANGE	9107360-33	2
AIR	WIRE,18 AWG STRD BROWN	9107360-11	1

QUALITY & VARIATION:

SYMBOL	QTY	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES								
		ANGLES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY IN	MEDIUM	±0° 30'		(CHECK ONE)		OVER 0 TO 12	OVER 0.2 TO 1.2	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.004		±.008		±.012	±.018	±.024	±.04	
MICRONCHES		PREFERRED		±.012	±.016	±.025	±.04	±.08	±.16	

THIRD ANGLE PROJECTION:

REVISIONS:

CHK	CHANGE NO.	REV.
✓	7014104-00001	A
✓	2008777	
D. MARTEL		
	2008777	

NOTES:

1. USE CABLE TIE(X) ITEM#7 APPROXIMATELY EVERY (3) THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.

WIRE CONNECTIONS:

PARTS LIST:

1	LABEL,CABLE IDENT	9009532-00	8
X	ART TIE,CABLE	9007031-00	7
△	2 TERMINAL, RING 22-16AWG	9007930-00	6
○	6 TERMINAL, SPADE TONGUE INS	9009695-04	5
AIR	WIRE,18 AWG STRD BLACK	9107360-00	4
AIR	WIRE,18 AWG STRD RED	9107360-22	3
AIR	WIRE,18 AWG STRD ORANGE	9107360-33	2
AIR	WIRE,18 AWG STRD BROWN	9107360-11	1

QUALITY & VARIATION:

SYMBOL	QTY	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES								
		ANGLES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY IN	MEDIUM	±0° 30'		(CHECK ONE)		OVER 0 TO 12	OVER 0.2 TO 1.2	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.004		±.008		±.012	±.018	±.024	±.04	
MICRONCHES		PREFERRED		±.012	±.016	±.025	±.04	±.08	±.16	

THIRD ANGLE PROJECTION:

REVISIONS:

CHK	CHANGE NO.	REV.
✓	7014104-00001	A
✓	2008777	
D. MARTEL		
	2008777	

NOTES:

1. USE CABLE TIE(X) ITEM#7 APPROXIMATELY EVERY (3) THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.

WIRE CONNECTIONS:

PARTS LIST:

1	LABEL,CABLE IDENT	9009532-00	8
X	ART TIE,CABLE	9007031-00	7
△	2 TERMINAL, RING 22-16AWG	9007930-00	6
○	6 TERMINAL, SPADE TONGUE INS	9009695-04	5
AIR	WIRE,18 AWG STRD BLACK	9107360-00	4
AIR	WIRE,18 AWG STRD RED	9107360-22	3
AIR	WIRE,18 AWG STRD ORANGE	9107360-33	2
AIR	WIRE,18 AWG STRD BROWN	9107360-11	1

QUALITY & VARIATION:

SYMBOL	QTY	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES								
		ANGLES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY IN	MEDIUM	±0° 30'		(CHECK ONE)		OVER 0 TO 12	OVER 0.2 TO 1.2	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.004		±.008		±.012	±.018	±.024	±.04	
MICRONCHES		PREFERRED		±.012	±.016	±.025	±.04	±.08	±.16	

THIRD ANGLE PROJECTION:

REVISIONS:

CHK	CHANGE NO.	REV.
✓	7014104-00001	A
✓	2008777	
D. MARTEL		
	2008777	

NOTES:

1. USE CABLE TIE(X) ITEM#7 APPROXIMATELY EVERY (3) THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.

WIRE CONNECTIONS:

PARTS LIST:

1	LABEL,CABLE IDENT	9009532-00	8
X	ART TIE,CABLE	9007031-00	7
△	2 TERMINAL, RING 22-16AWG	9007930-00	6
○	6 TERMINAL, SPADE TONGUE INS	9009695-04	5
AIR	WIRE,18 AWG STRD BLACK	9107360-00	4
AIR	WIRE,18 AWG STRD RED	9107360-22	3
AIR	WIRE,18 AWG STRD ORANGE	9107360-33	2
AIR	WIRE,18 AWG STRD BROWN	9107360-11	1

QUALITY & VARIATION:

SYMBOL	QTY	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES								
		ANGLES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES				
SURFACE QUALITY IN	MEDIUM	±0° 30'		(CHECK ONE)		OVER 0 TO 12	OVER 0.2 TO 1.2	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.004		±.008		±.012	±.018	±.024	±.04	
MICRONCHES		PREFERRED		±.012	±.016	±.025	±.04	±.08	±.16	

THIRD ANGLE PROJECTION:

REVISIONS:

CHK	CHANGE NO.	REV.
✓	7014104-00001	A
✓	2008777	
D. MARTEL		
	2008777	

NOTES:

1. USE CABLE TIE(X) ITEM#7 APPROXIMATELY EVERY (3) THREE INCHES WHEN NECESSARY AND AT EVERY BREAKOUT POINT.

WIRE CONNECTIONS:

PARTS LIST:

1	LABEL,CABLE IDENT	9009532-00	8
X	ART TIE,CABLE	9007031-00	7
△	2 TERMINAL, RING 22-16AWG	9007930-00	6
○	6 TERMINAL, SPADE TONGUE INS	9009695-04	5
AIR	WIRE,18 AWG STRD BLACK	9107360-00	4
AIR	WIRE,18 AWG STRD RED	9107360-22	3
AIR</td			

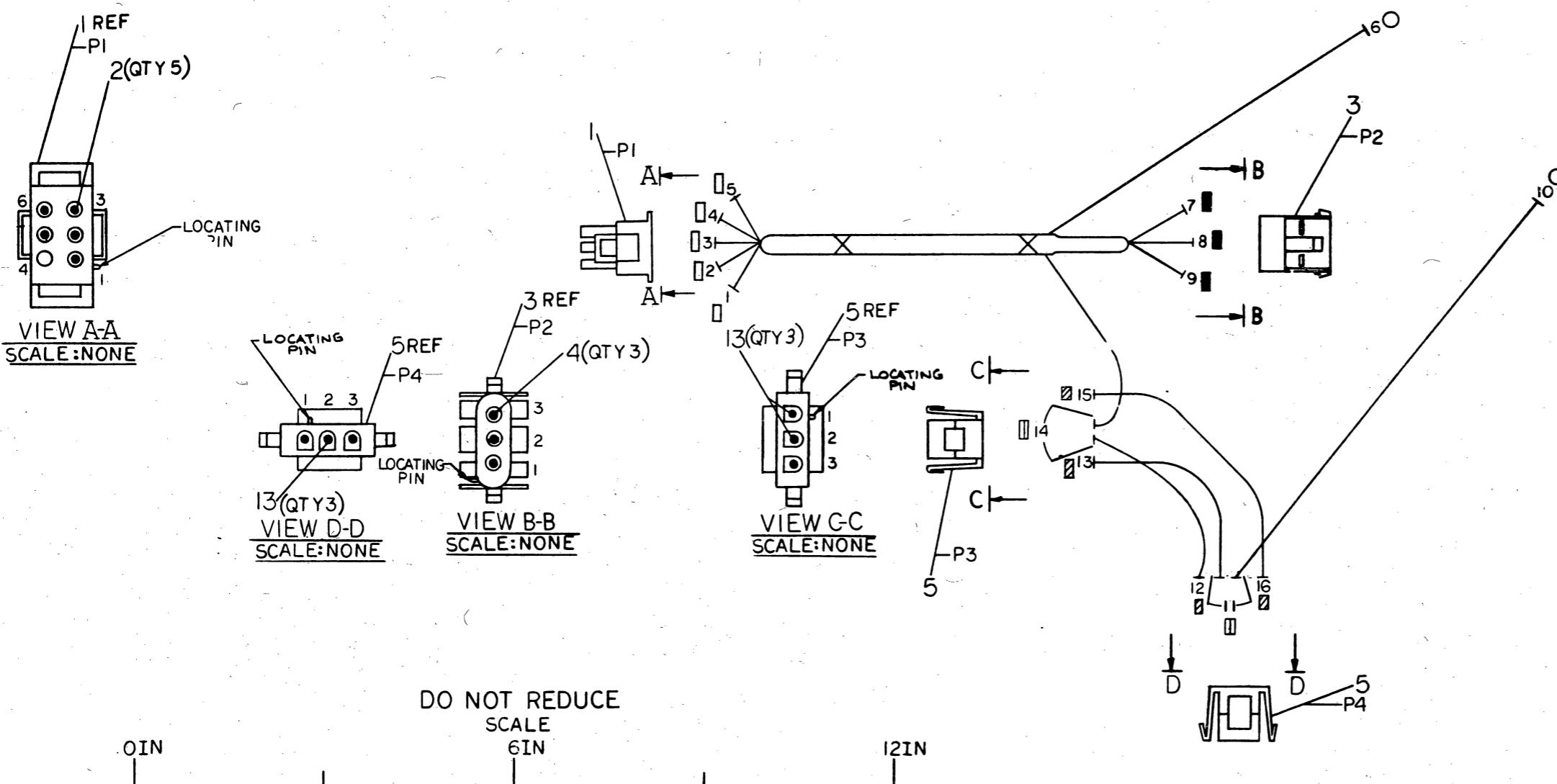
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WIRE. TABLE

ITEM NO	DESCRIPTION			FROM			TO			REMARKS
	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM		
10	18	YELLOW	1	P1-1	182	9	P2-1	364		
8	18	BLACK	2	P1-2	182	7	P2-3	364		
12	18	VIOLET	3	P1-3	182	8	P2-2	364		
9	18	ORANGE	5	P1-5	182	6			7	
11	18	GRAY	4	P1-6	182	14	P3-2	1565		
11	18	GRAY	12	P4-2	1365					
9	18	ORANGE	11	P4-3	1565	10			7	
11	18	GRAY				13	P3-3	1365		
9	18	ORANGE	16	P4-1	1365	15	P3-1	1365		

NOTES:

1. USE CABLE TIES (X) ITEM #6 APPROXIMATELY EVERY THREE (3) INCHES WHEN NECESSARY, AND AT EVERY BREAKOUT POINT.



CAUTION: SEE OFF SHEET PARTS LIST
K-PL-7014157-0-DBP. (Z3347C.PLS)

1	2	SOCKET, 16-18 AWG	1209379-07	15
1	1	LABEL, CABLE IDENT.	9009532-00	14
0	4	PIN, 14-20 AWG	1209379-00	13
		AR WIRE 18 AWG STRD. VIOLET	9107360-77	12
		AR WIRE 18 AWG STRD. GRAY	9107360-88	11
		AR WIRE 18 AWG STRD. YELLOW	9107360-44	10
		AR WIRE 18 AWG STRD. ORANGE	9107360-33	9
		AR WIRE 18 AWG STRD. BLACK	9107360-00	8
0	2	TERMINAL, QUICK CONNECT	9007970-00	7
X	AR	TIE, CABLE	9807031-00	6
	2	HOUSING, 3 PIN SOCKET	1209350-03	5
1	3	PIN, 14-20 AWG	1212169-00	4
	1	CAP, 3 PIN UNIVERSAL	1212168-00	3
0	5	SOCKET, 14-20 AWG	1212170-00	2
	1	PLUG, 6 PIN HOUSING	1212167-00	1
C		DESCRIPTION	ITEM PAGE NO.	ITEM NO.

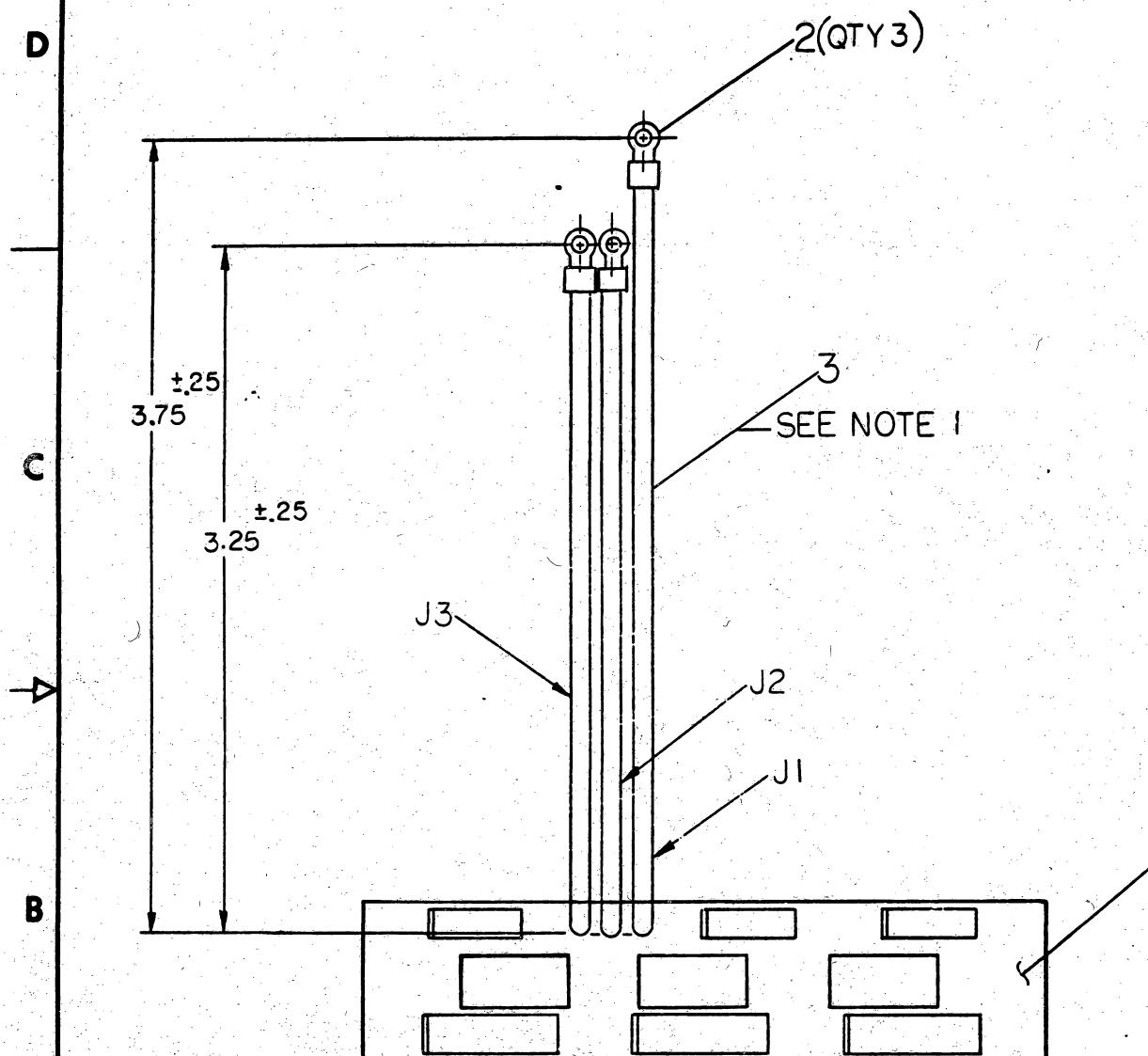
			PLUG, 6 PIN HOUSING		121210-06			
SYMBOL	Q.T.Y	DESCRIPTION			DWG./PART NO.		ITEM NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES						
		ANGLES 50° 30°		CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES			
		SURFACE QUALITY IN		ICHECK ONE	OVER 0	OVER 0.3	OVER 0.5	OVER 0.75
				MEDIUM	TO 75	TO 75	TO 75	TO 75
				MICRINCHES	PREFERRED	± 0.004	± 0.008	± 0.016
QUANTITY & VARIATION								
THIRD ANGLE PROJECTION			DRN. <i>10/10/68</i>	NAME <i>John C.</i>	FIRST USED ON H7100		digit <i>10</i>	
REMOVE BURRS AND BREAK SHARP CORNERS			CHECKED <i>10/10/68</i>	DATE <i>12/10/68</i>	TITLE			
DO NOT SCALE DWG.			PROL. ENG. <i>10/10/68</i>	DESIGNER <i>John C.</i>	HARNESS OUTPUT-SIGNAL			
MATERIAL SEE PARTS LIST			PROD. <i>10/10/68</i>	INSPECTOR <i>John C.</i>				
FINISHED <i>10/10/68</i>			NEXT HIGHER ASSY.					
			E-AD-7013921-0-0					
			SCALE 1/1					
			SHEET <i>1</i>	OF <i>1</i>	SIZE CODE <i>D</i>		NUMBER <i>1A 7014157-0-0</i>	
					DIST.		REV. <i>C</i>	

HARNESS OUTPUT-SIGNAL

CHN	CHANGE NO.	REV.
C	7014157-00001	A
P	18-60777	
D	MARTEL	
C	7014157-TW002	B
C	7014157-TW003	C
C	S. LANDINO	
T	7014157-TW004	D
	W. F. BAUSCH	

1240

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NOTES:

1. STRIP GRAY WIRES (ITEM #3) BACK .125 & TIN BEFORE INSERTING INTO SNUBBER CARD (ITEM #1) AND SOLDER INTO SNUBBER CARD AS SHOWN.

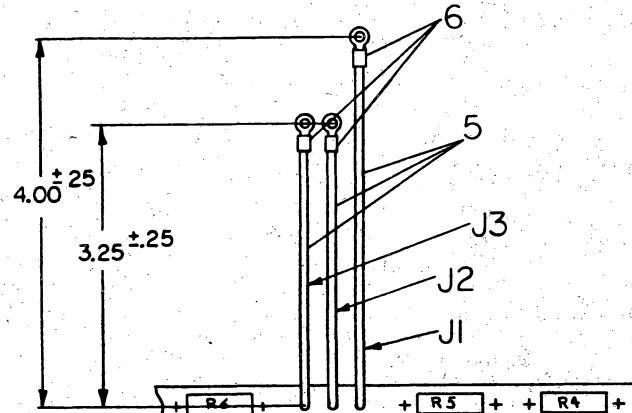
AR	WIRE #18AWG, STRD GRAY	9107360-88	3
3	TERMINAL, RING	9007930-00	2
1	SNUBBER CARD	D-JA-5413087-0-0	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
		ANGLES ±0° 30'	CLASS OF ACCURACY
		SURFACE QUALITY IN MEDIUM	NOMINAL DIMENSION RANGE INCHES OVER 0 TO 0.2 OVER 0.2 TO 1.2 OVER 1.2 TO 4.0 OVER 4.0 TO 12.0 OVER 12.0 TO 40.0 OVER 40.0 TO 100.0
		MICROINCHES	PREFERRED
		±.004	±.008
		±.012	±.016
		±.025	±.04
		±.063	±.10
QUANTITY & VARIATION			
THIRD ANGLE PROJECTION			
REMOVE BURRS AND BREAK SHARP CORNERS			
DO NOT SCALE DWG			
MATERIAL SEE PARTS LIST			
SCALE 2/1			
FINISH			
NEXT HIGHER ASSY.		FIRST USED ON H7100	
PROJ. ENG.		TITLE SNUBBER CARD ASSY	
PROD. PLN.		SIZE CODE C IA NUMBER 7014984-0-0 REV.	
SHEET 1 OF 1		DIST.	

REVISIONS
CHANGE NO.
REV.
1212

DATE PLACE P-1984
DEC FORM NO. 5010-6
5010-6

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REFERENCE DESIGNATION CHART	
ACTUAL REF. DES.	SUPERFICIAL REF. DES.
R1 R2 R3	R4 THRU R9 R100 THRU R108 R200 THRU R208 R300 THRU R308 R400 THRU R408 R500 THRU R508 R600 THRU R608 R700 THRU R708 R800 THRU R808 C4 THRU C9 C100 THRU C108 C200 THRU C208
C1 C2 C3	C300 THRU C308 C400 THRU C408 C500 THRU C508 C600 THRU C608 C700 THRU C708 C800 THRU C808



DETAIL 'A'
SCALE: NONE

NOTES: 1. MULTI-REF. DES. ARE USED TO ACCOMMODATE PANEL INSERTION TECHNIQUES. REFER TO CHART FOR CROSS REFERENCE.

CHANGE NO	REV	1	2	3	4	5	6	7
AC 5413087-1	A							
1	2	3	4	5	6	7	8	9
R. MARTEL								
2	3	4	5	6	7	8	9	10
AC 5413087-2	B							
1	2	3	4	5	6	7	8	9
J. DREW								
2	3	4	5	6	7	8	9	10



ETCH REV. A
P&C DESIGN DATA BASE REV. A1

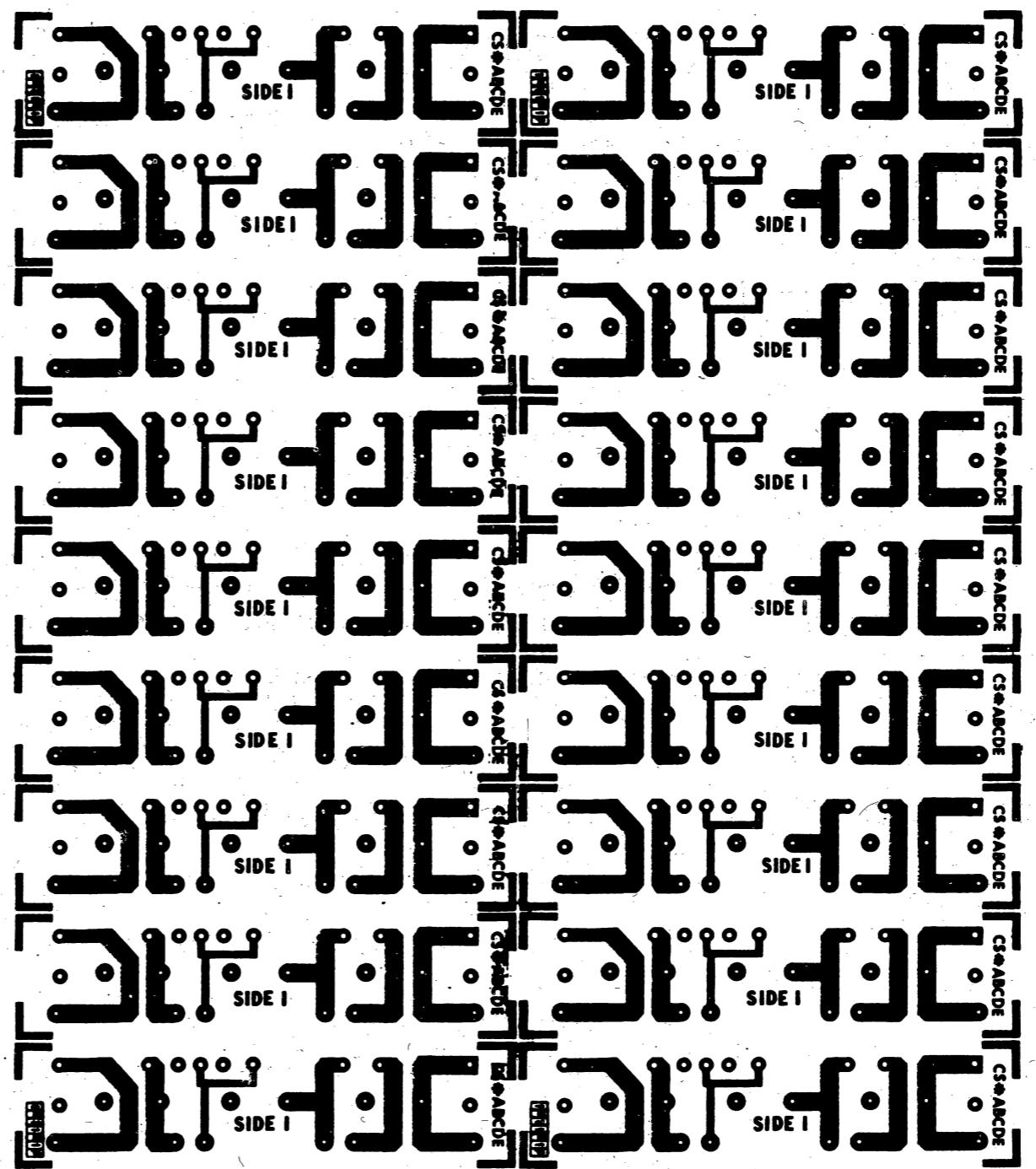
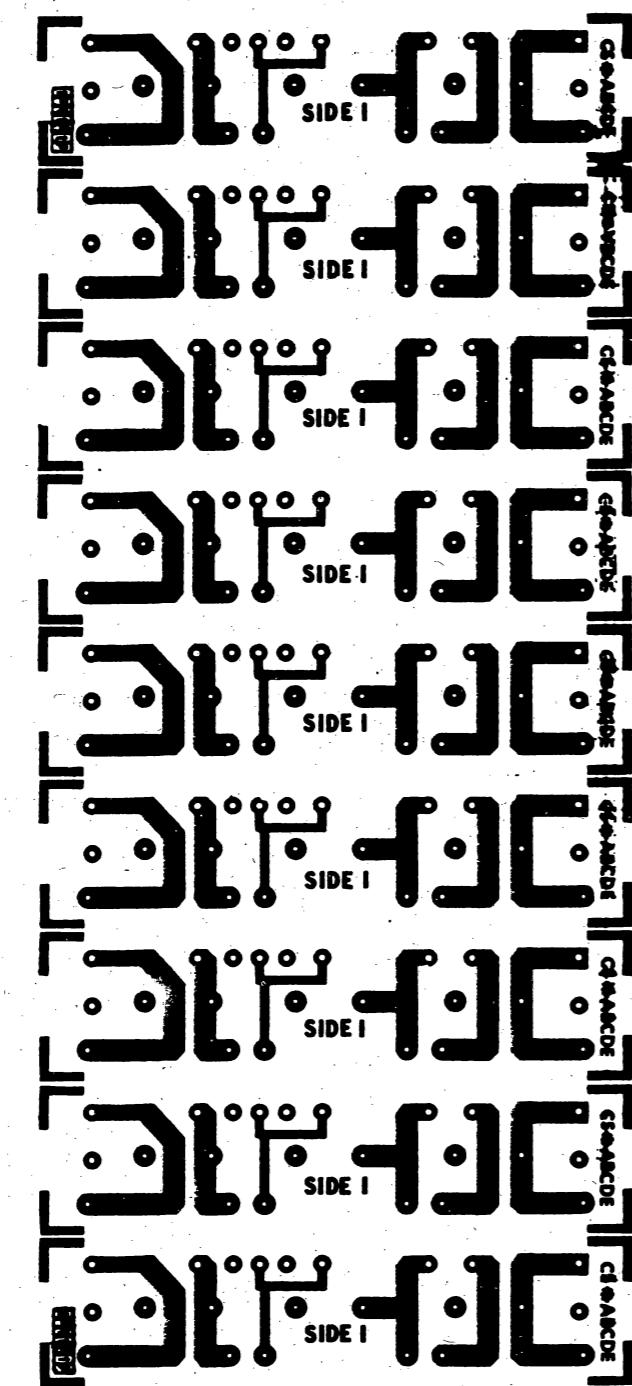
SIGNATURES
DRN. / DATE 5/17/77
CHK'D. / DATE 6-22-77
ENC. / DATE 5-14-77
PROJ. ENC. / DATE 3-14-77
PROD. / DATE 5-14-77
SCALE 2/1
SHT. 1 OF 3
NEXT HIGHER PULL. B-DD-5413087-0

DATE 5/17/77
TITLE digital
NUMBER 0 JA 5413087-0-0 B
REV

1. MS#104152

1213

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VIEWED FROM SIDE 1

REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO. 1214
GPO 127

8

7

6

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4

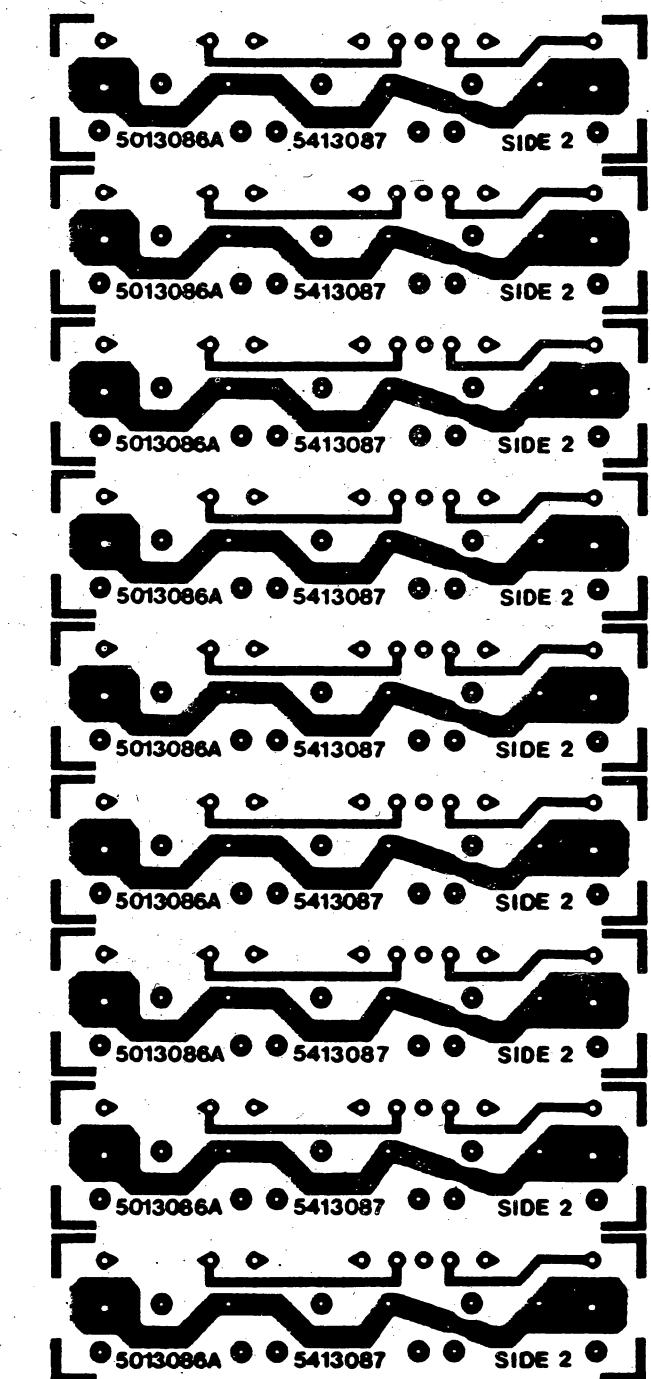
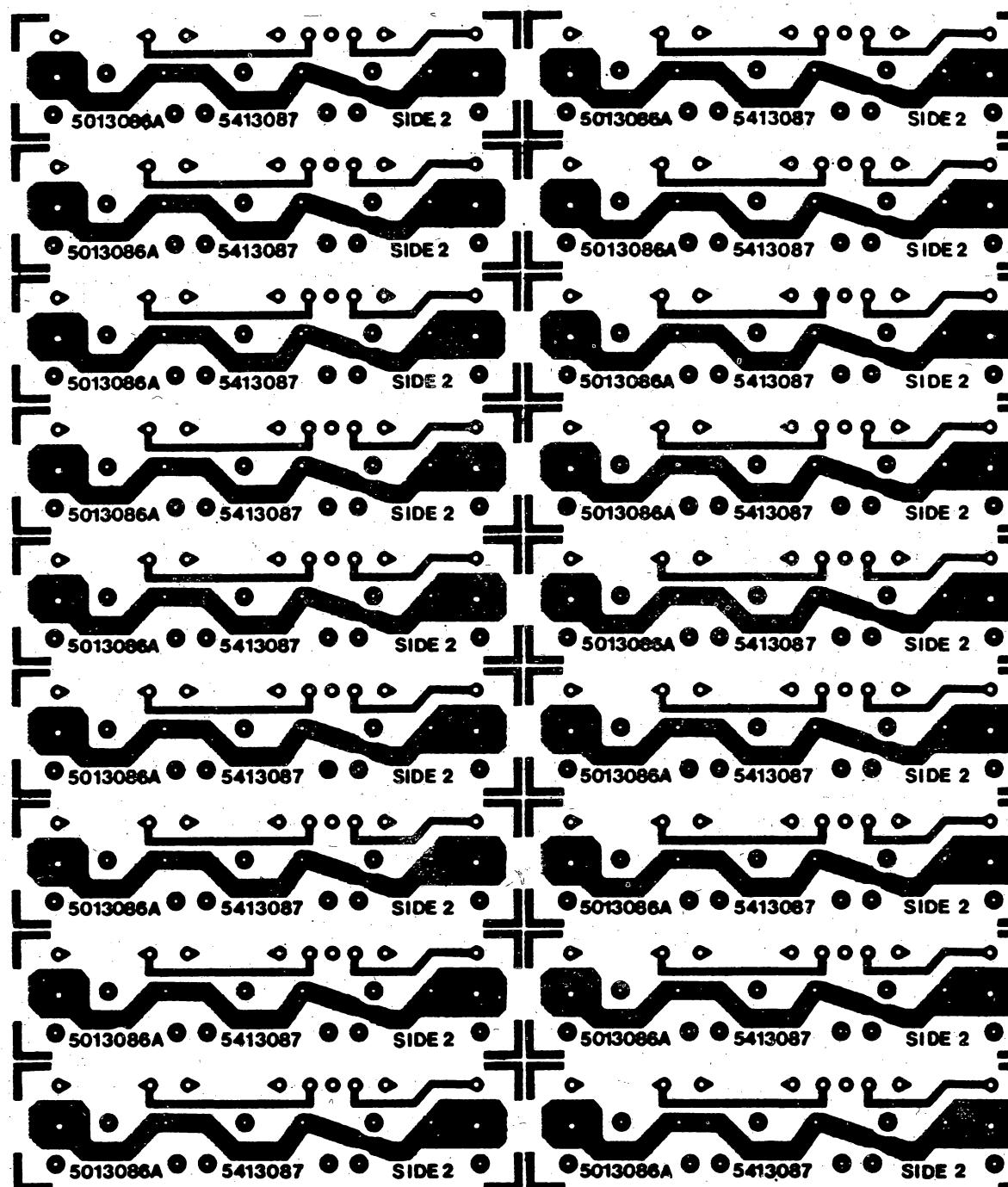
3

2

1

2 1/2 A 5413087-0-0 B
TITLE: SNUBBER CARD
SCALE: 2:1 SHEET 2 OF 3 DIST.
SIZE: 12" x 18" NUMBER: 5413087-0-0 REV. B

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VIEWED FROM SIDE 2

REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO.
G-137

8

7

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1

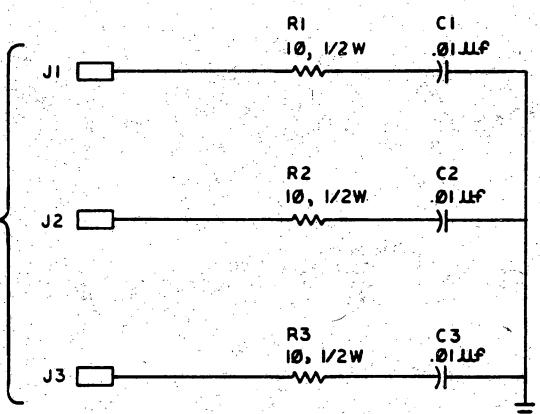
TITLE		SIZE	CODE	NUMBER	REV.
SCALE	2:1	3	12	5413087-0-0	B
1	2	3	4	5	6

1215

8 7 6 5 4 3 2 1

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C
D
C
B
A
J1, J2 AND J3 ARE WIRES WITH RING TERMINALS SOLDERED INTO THE 3 X HOLES AT THE TOP OF THE PC BOARD



INVENTION		CHANGE NO.	REV.
CHK	CS5413087-00001	A	
ENG	CS5413087-00002	B	
PROJ. ENG	CS5413087-00002	B	
PROD.	CS5413087-00002	B	
NEXT HIGHER ASSY.			
D-5413087-0-0			
SCALE			
SHEET 1 OF 1			
DIST.			

1216

DRN	FIRST USED ON	SIZE	NUMBER	REV.
CHK'D	H7100	digital		
ENG'D	CS5413087-00002	30 mil		
PROJ. ENG'D	CS5413087-00002	30 mil		
PROD.	CS5413087-00002	30 mil		
NEXT HIGHER ASSY.				
D-5413087-0-0				
SCALE				
SHEET 1 OF 1				
DIST.				

1

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY RITA BUREAU
DATE 7 JULY 77

CHECKED KENT GLE
DATE 32 AUG 77

copy
5.3. SECTION

ENG CS Lander
DATE 30 AUG 77

PROD Ed Blair
DATE 30 Aug 77

ISSUED SECTION

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	541				REF DESIGNATION
1	D-MD-5013086-0-0	5013086	ETCHED BOARD	1				
2		1011847-01	CAPACITOR., .01 UF, 400V	3				C1, C2, C3
3		1112594-01	DIODE, A115B	3				D1, D2, D3
4		1300168-00	RES., 10 OHMS, 1/2W, 5% C.C.	3				R1, R2, R3
5		9107360-88	WIRE #18 AWG STRD GRAY	A/R				
6		9007930-00	TERMINAL, RING	3				J1, J2, J3
ECO. NO.	00001	00002						
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COMPILED BY 0277, DIGITAL EQUIPMENT CORPORATION	SHEET 1 OF 1			INSERTION PARTS LIST DATA BASE REV. A				

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TITLE H7100 SNUBBER CARD

ASSY NO.
D-UA-5413087-0-0

SHEET 1 OF 1

	SIZE	CODE
	B	PL

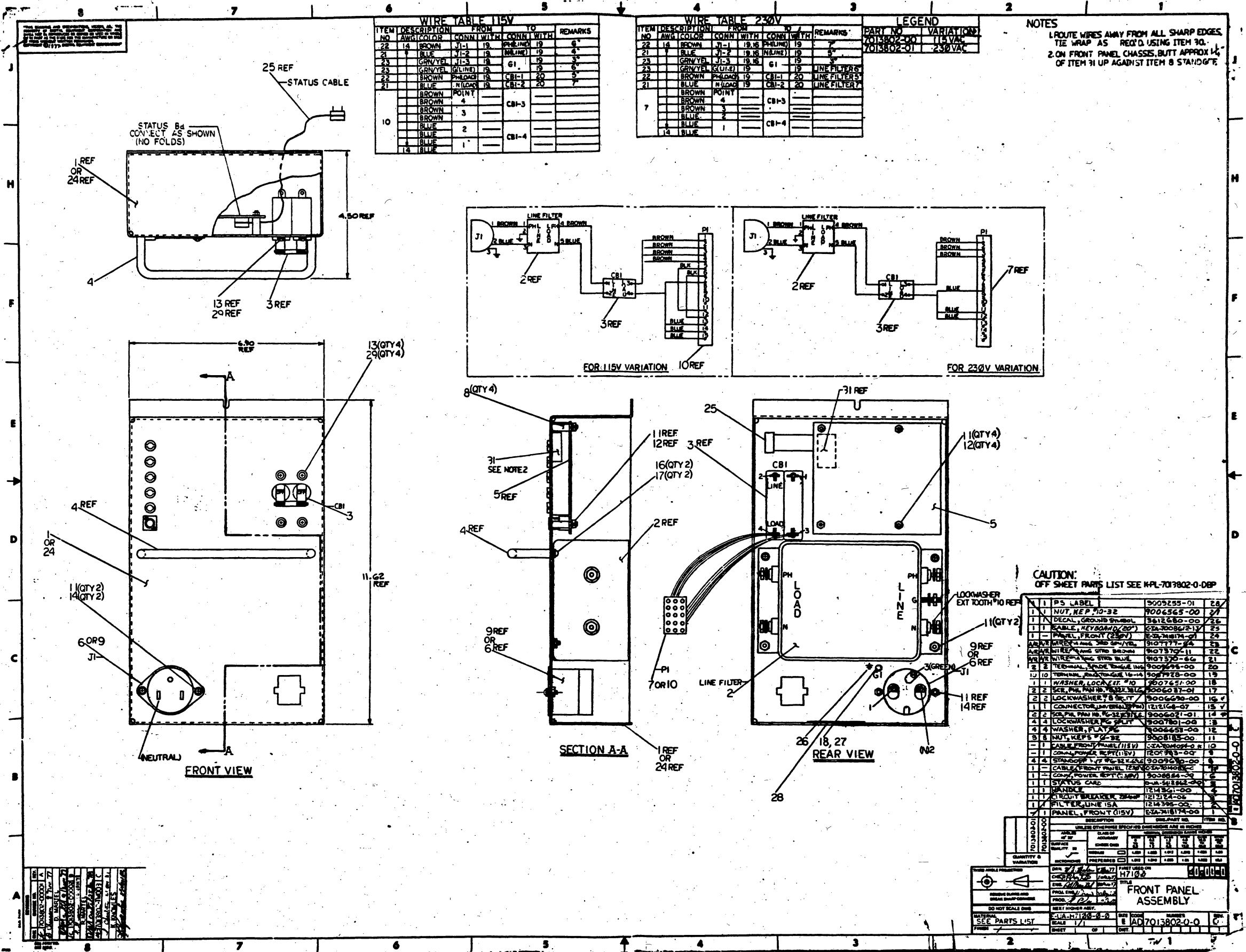
INSERTION PA

NUMBER
5413087-0-0

VA BASE REV. A

REV.
B.

— 10 —



1218

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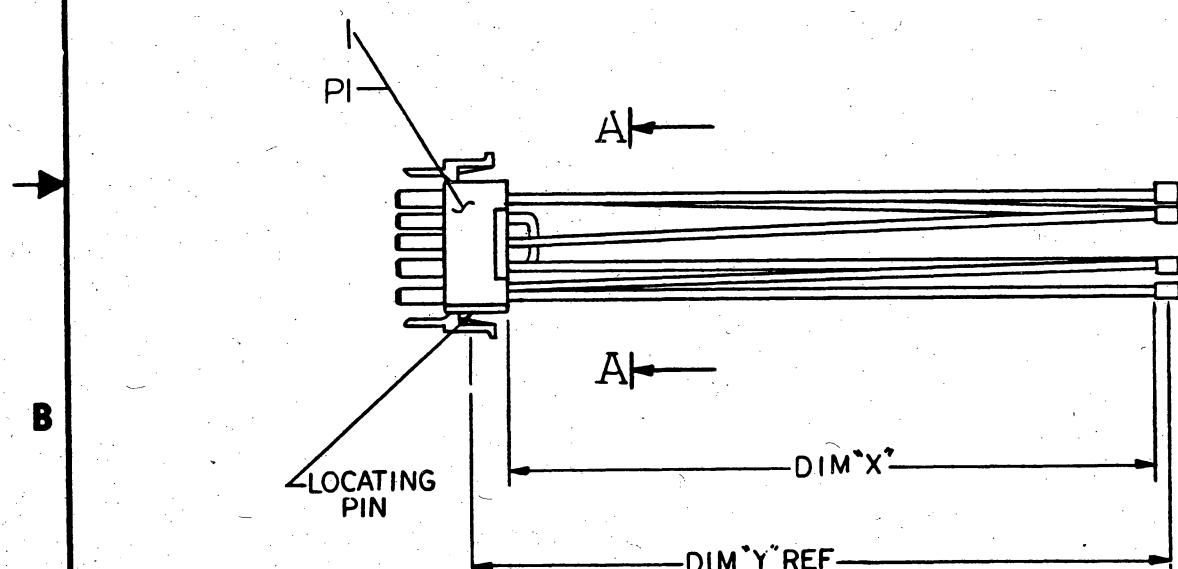
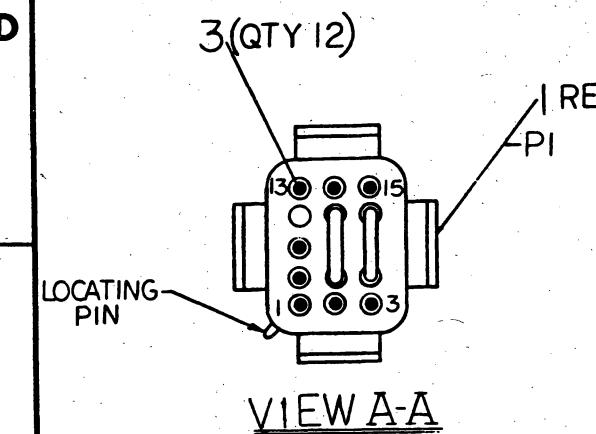
3

2

1

WIRE TABLE

ITEM NO	DESCRIPTION	FROM AWG	TO AWG	POINT	WITH	REMARKS	NUMBER	DIM "X" VARIATION	DIM "Y" (PRECUT) REF
4	BROWN	14	14	PI-1	163		7014054-0F	ØFT-6IN ± .5IN	ØFT-7IN ± .5IN
4	BROWN	14	14	PI-2	163				
4	BROWN	14	14	PI-3	163				
4	BROWN	14	14	PI-4	163				
5	BLACK	14	14	PI-5	163	PI-11	163	JUMPER (2" ± .5)	
5	BLACK	14	14	PI-6	163	PI-12	163	JUMPER (2" ± .5)	
6	BLUE	14	14	PI-7	163				
6	BLUE	14	14	PI-13	163				
6	BLUE	14	14	PI-14	163				
6	BLUE	14	14	PI-15	163				



REVISIONS		CHANGE NO.	REV.
CHK	/C	7014054-TW001	A
CC	7014054-TW001		
CS	C. SLANDINO		
TS	12/2/77		

AR	WIRE #14 AWG STRD BLUE	9107370-66	6
AR	WIRE #14 AWG STRD BLACK	9107370-00	5
AR	WIRE #14 AWG STRD BROWN	9107370-11	4
12	CONTACT, PIN 14-20AWG	1213807-01	3
4	TERMINAL, SPADE TONGUE INS	9009695-02	2
1	PLUG, 15 PIN HOUSING	1212167-05	1

		DESCRIPTION DWG./PART NO. ITEM NO.					
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLE 20° 30°	SURFACE QUALITY IN	NOMINAL DIMENSION RANGE INCHES					
		ANGLE	CLASS OF ACCURACY (CHECK ONE)	OVER 0	OVER .02	OVER 1.2	OVER 1.0
		20°	0.02	0.02	0.02	0.02	0.02
	MEDIUM			± .004	± .008	± .012	± .016
	MICRONINCHES		PREFERRED	± .012	± .016	± .020	± .024

DRN. 110-1000-11	10/10/77	FIRST USED ON	digital
CHK 12/2/77	10/10/77		
ENG. 12/2/77	10/10/77		
PROJ. ENG. 12/2/77	12/2/77		
PROD. 12/2/77	12/2/77		
NEXT HIGHER ASSY.		CABLE, FRONT PANEL 115 V	
MATERIAL SEE PARTS LIST	E-AD-7013802-0-0	SIZE CODE	NUMBER
FINISH	SCALE NONE	C	7014054-0-0
		REV	A
SHEET	1 OF 1	DIST.	

000 FORM NO. 100-1000
000 1000

4

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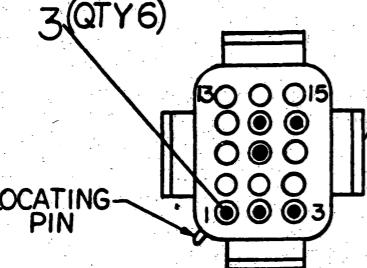
TW

1219

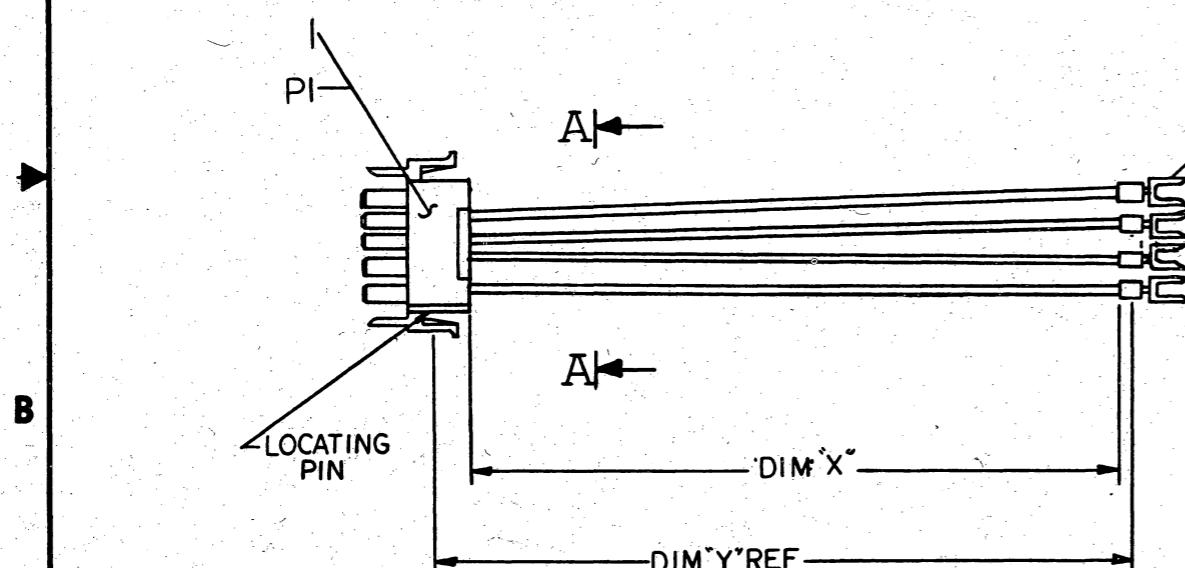
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3
2
1
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WIRE TABLE

ITEM NO.	DESCRIPTION	FROM	TO	NUMBER	DIM "X" VARIATION	DIM "Y" (PRECUT)	REF
NO.	AWG	COLOR	CONN	WITH POINT	WITH	REMARKS	
5	14	BROWN	PI-1	163	4	2	
5	14	BROWN	PI-2	163			
5	14	BROWN	PI-3	163	3	6	
4	14	BLUE	PI-8	163	2	6	
4	14	BLUE	PI-11	163			
4	14	BLUE	PI-12	163	1	2	



VIEW A-A



LEGEND

7014083-0F ØFT-6IN ±.5IN ØFT-7IN ±.5IN

2	TERMINAL, SPADE TONGUE INS	9009695-00	6
A/R	WIRE #14 AWG STRD BROWN	9107370-11	5
A/R	WIRE #14 AWG STRD BLUE	9107370-66	4
6	CONTACT, PIN 14-20AWG	1212169-00	3
2	TERMINAL, SPADE TONGUE INS	9009695-02	2
1	PLUG, 15 PIN HOUSING	1212167-05	1

DESCRIPTION		DWG./PART NO.	ITEM NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES					
10° 30'	(CHECK ONE)	OVER 0 TO 0.25 OVER 0.25 TO 0.5 OVER 0.5 TO 1.2 OVER 1.2 TO 4.0 OVER 4.0 TO 12.0 OVER 12.0 TO 40.0					
SURFACE QUALITY, IN	MEDIUM	±.004	±.008	±.012	±.016	±.024	±.04
	MICROINCHES	±.012	±.016	±.025	±.04	±.08	±.16
	PREFERRED						

THIRD ANGLE PROJECTION	DRN. 21. Male 142-77	FIRST USED ON	H7100	digital
CHGD. 10/10/77	10/10/77	TITLE	CABLE, FRONT PANEL 230V	
ENG. 10/10/77	10/10/77			
PROJ. ENG. 10/10/77	10/10/77			
PROD. 10/10/77	10/10/77			
DO NOT SCALE DWG.		NEXT HIGHER ASSY.		
MATERIAL SEE PARTS LIST		E-AD-7013802-0-0	SIZE	CODE
FINISH		SCALE NONE	NUMBER	REV.
			IA 7014083-0-0	
		SHEET	OF	DIST.

REVISIONS
CHANGE NO.
MANUFACTURE P-1680
CHK

46 FORM NO.
46 100-1000

4

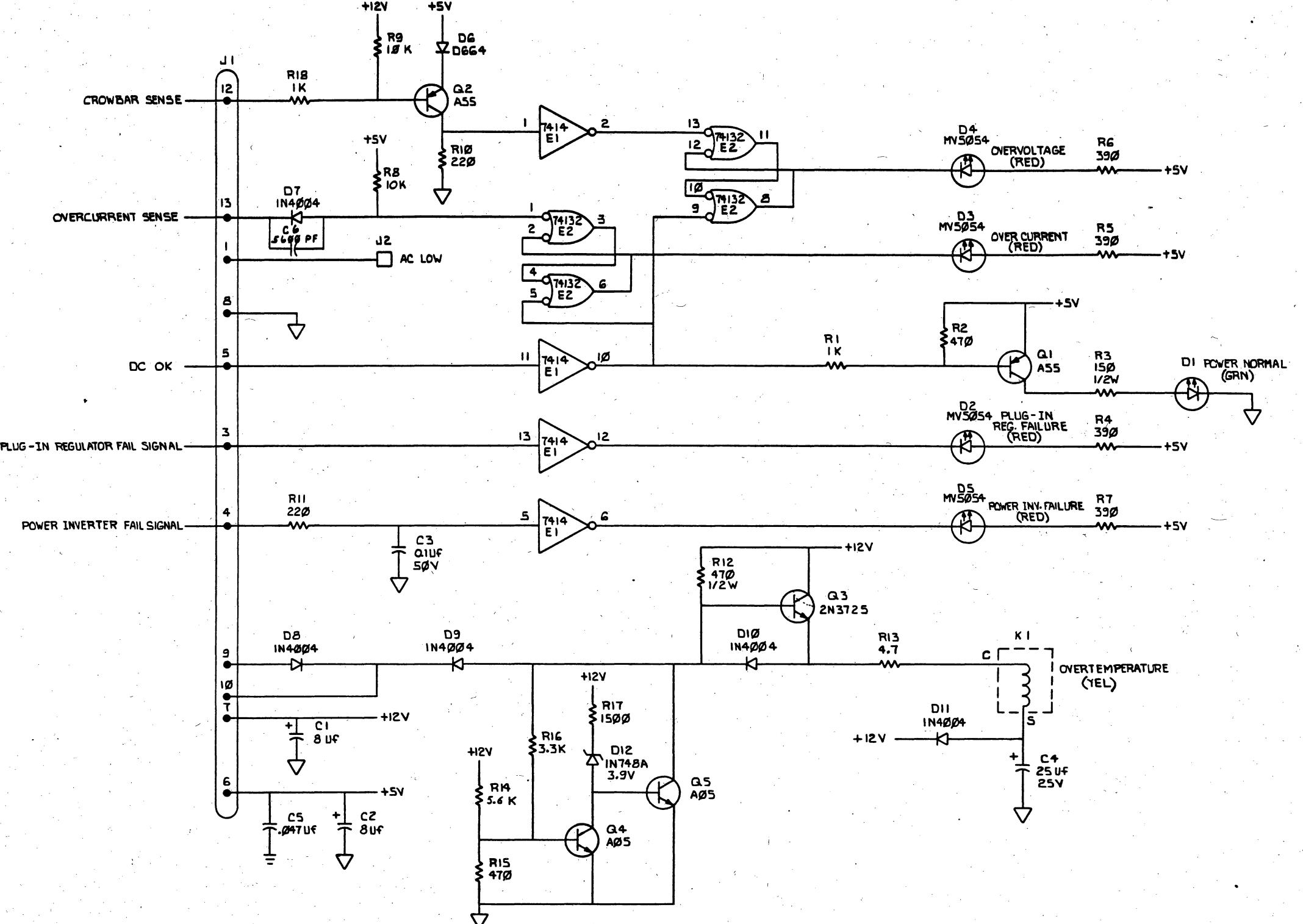
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1220

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REVISIONS		REV.
CHG.	CHANGE NO.	REV.
1	10C5412562-00001	A
2	10C5412562-00002	B
3	10C5412562-00003	C
4	10C5412562-00004	D
5	10C5412562-00005	E
6	10C5412562-00006	F
7	10C5412562-00007	G
8	10C5412562-00008	H
9	10C5412562-00009	I
10	10C5412562-00010	J

DRN. P. K. <i>[Signature]</i>	5-11-77	FIRST USED ON
CHG. 10C5412562-00001	<i>[Signature]</i>	
ENG. C.S. <i>[Signature]</i>	5-11-77	TITLE
PROJ. ENG. J. Ag. <i>[Signature]</i>	5-11-77	
PROD. P. <i>[Signature]</i>	5-11-77	
NEXT HIGHER ASSY.		
D-UA-5412562-0-0	SIZE CODE	NUMBER
SCALE $\frac{1}{1}$	D	CS 5412562-0-1
SHEET 1 OF 1	DIST.	REV. C

STATUS CARD

1222

AUTOMATED BY PRTLST.1D(7)

PARTS LIST

SHEET A1 OF A2

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	0-MD-5012561-0-0	5012561-00	ETCH BOARD FOR 54-12562	1
2	2	1012084-01	8 MFD 25V +75-10% AL EL	2	C1, C2
3	3	1010978-36	.1 MFD 50V 10% CER	1	C3
4	4	1000075-00	.25 MFD 25V +75-10% AL EL	1	C4
5	5	1012784-00	.047 MFD 50V +80-20% CER	1	C5
6	6	1100114-00	D 664 QS\75PC8 PIV= 25V SP	1	D6
7	7	1105796-00	IN 4004 PIV=400 I= 1A D041 SP	5	D8, D9, D10, D11, D7
8	8	1100122-00	IN 748A VZ= 3.9 5%	1	D12
9	9	1110324-00	LED 1MCD010MA PIV=3	4	D2-D5
10	10	1114384-00	LED 105MW 35MA GREEN	1	D1
11	11	12111813-02	SKT, IC 16PIN DIP GOLD PLATE	1	J1
12	12	1300365-00	1.0 K .25 W 5.0 % CC	2	R1, R18
13	13	1300316-00	470.0 .25 W 5.0 % CC	2	R2, R15
14	14	1300309-00	390.0 .25 W 5.0 % CC	4	R4-R7
15	15	1300271-00	220.0 .25 W 5.0 % CC	2	R10, R11
16	16	1305890-00	4.70 .25 W 5.0 % CC	1	R13
17	17	1301874-00	5.60 K .25 W 5.0 % CC	1	R14
18	18	1300439-00	3.30 K .25 W 5.0 % CC	1	R16
19	19	1300391-00	1.50 K .25 W 5.0 % CC	1	R17
20	20	1300249-00	150.0 .50 W 5.0 % CC	1	R3
21	21	1300315-00	470.0 .50 W 5.0 % CC	1	R12
22	22	1510706-00	XA 55 PNP 500MW SI 60 50 P	2	Q1, Q2
23	23	1510705-00	XA 05 NPN 500MW SI 60 50 P	2	Q4, Q5
24	24	1510959-00	2N 3725 NPN 3.5WC SI 50 60 P	1	Q3
25	25	1911637-00	74132 NAND GATE-QUAD 2 IN	1	E2
26	26	1911324-00	7414 INVERTER, HEX 1IN SCH	1	E1
27	27	9007113-00	TERM QUICK .130DIA .250TAB BR/T	1	J2
28	28	9009185-00	JUMPER, WIRE, INSULATED BLACK B	?	WI-W7
29	29	9006732-00	EYELET, ROLL FLANGE .1210DX .219	1	
30	30	9009236-00	SCREW, TAPPING, TYPE F, PAN, PHIL,	2	

REVISION HISTORY BASIC PART NO: 6200000

ENG: ECO NUMBER REV SECTION A OF A

WH: 00002 B SECTION VARIATION INDEX

P.G: 00003 C [A] 00

DRN: R. KOPPENAL DATE: 27-JAN-78

TITLE PARTS LIST

CHK'D: K. GLEASON DATE: 27-JAN-78

STATUS CARD

DES.ENG: C. LANDINO DATE: 27-JAN-78

DOCUMENT NUMBER

RESP.ENG.: C. LANDINO DATE: 27-JAN-78

SIZE

CODE

NUMBER

REV

MFG.ENG.: E. BLAIR DATE: 27-JAN-78

FILE NAME:

C

ASSEMBLY NUMBER: D-UA-5412562-0-0

TOP DOCUMENT NUMBER:

EDIT #

12562.C.PLS

7

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1223

AUTOMATED BY PRTLST.1D(7)

PARTS LIST

SHEET A2 OF A2

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QTY PER VARIATION
*00

REFERENCE DESIGNATOR

31	31	9006706-00	WASHER, NYLON, FLAT #4 .375 00	2	
32	32	C-MD-7418703-0-0	LED HOLDER REWORK	1	
33	33	7418703-00	INDICATOR,REFLECTIVE,W/RESET	1	K1
34	34	1214349-00	10.0 K .25 W 5.0 % CC	2	R8,R9
35	35	1300479-00	5600.0 MMF 50V 10% CER	1	C6
		1011740+00			

D I G I T A L

TITLE STATUS CARD

SECTION A OF A

SIZE!CODE! DOCUMENT NUMBER ! REV
K ! PL ! 5412562-0-08P ! C

1224

8 7 6 5 4 3 0 2 1

01978

D

D

C

C

B

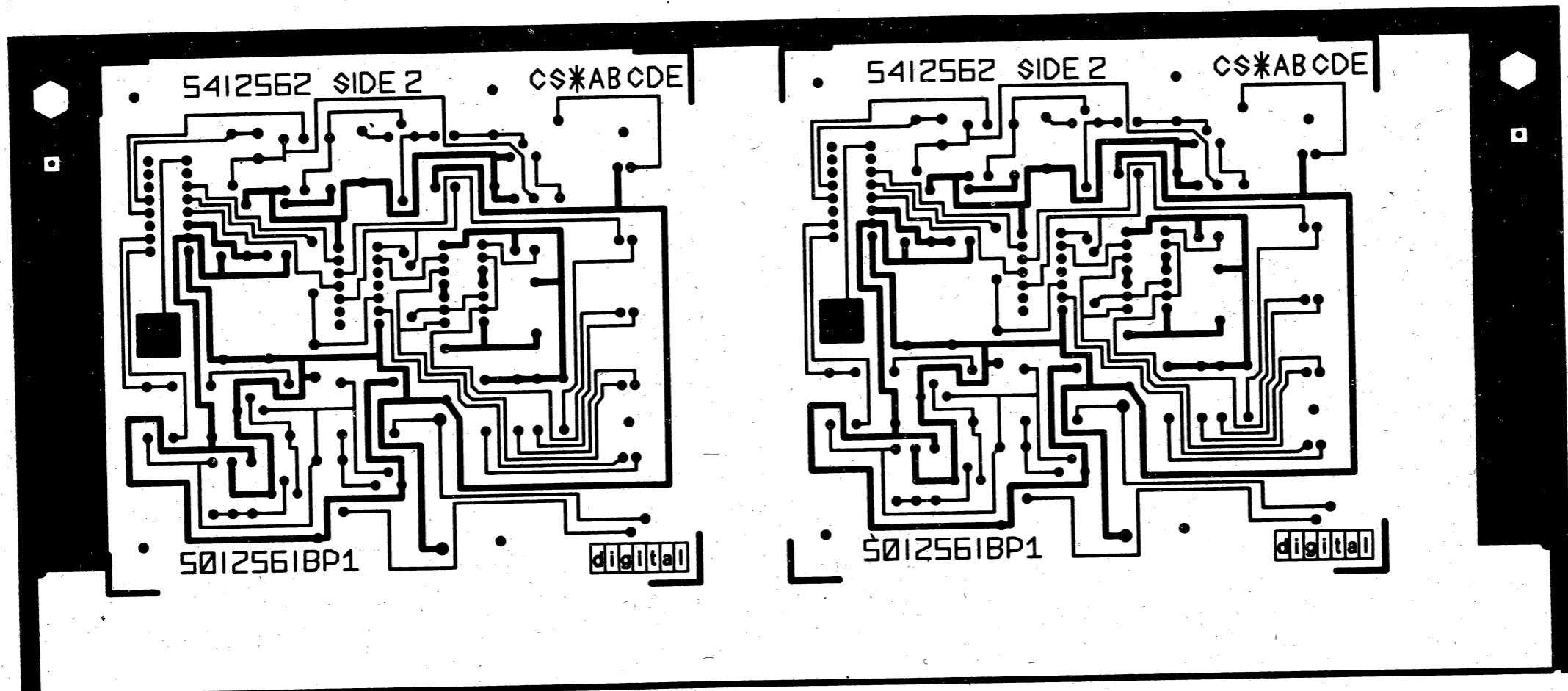
D

B

B

A

A

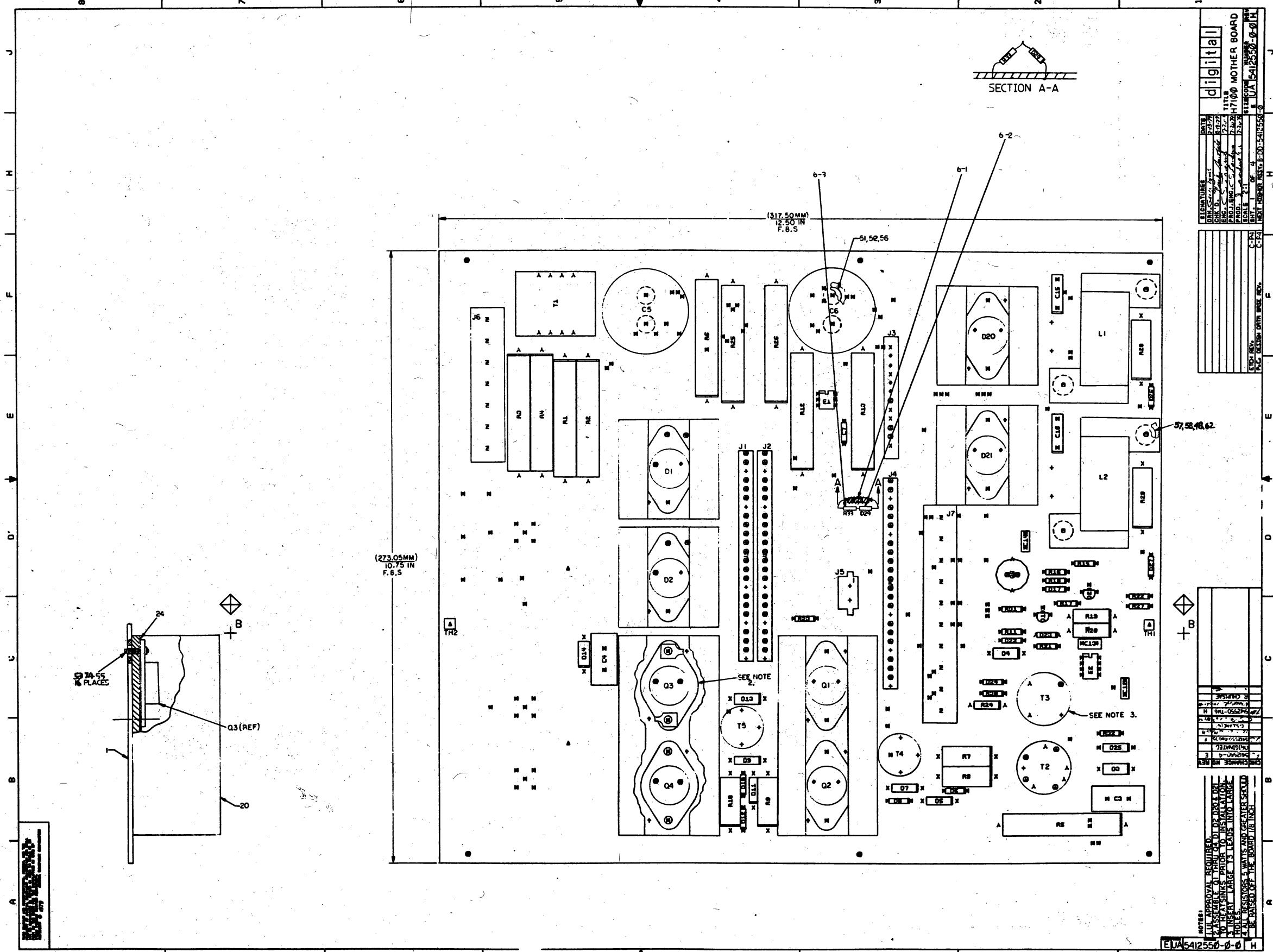


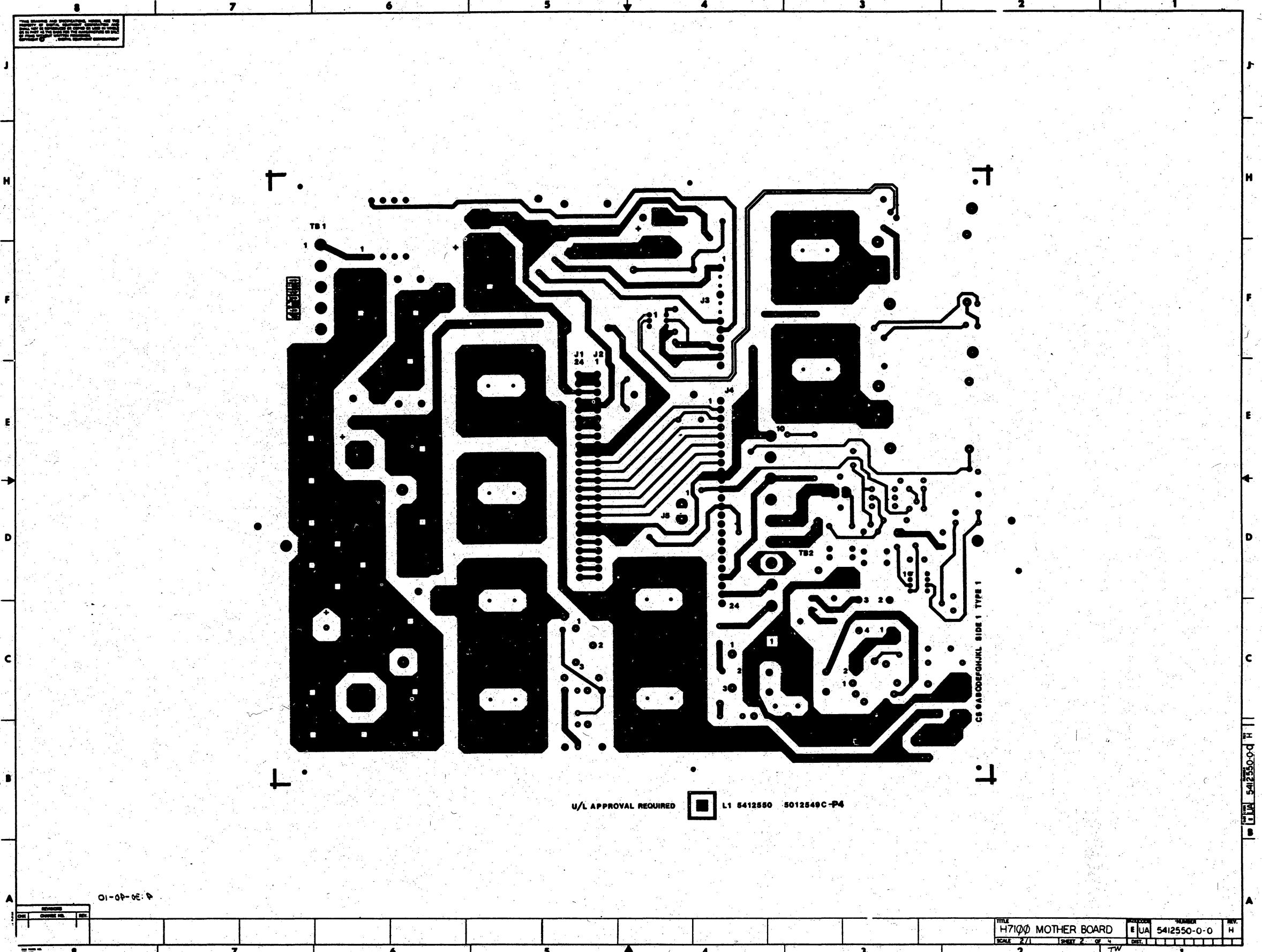
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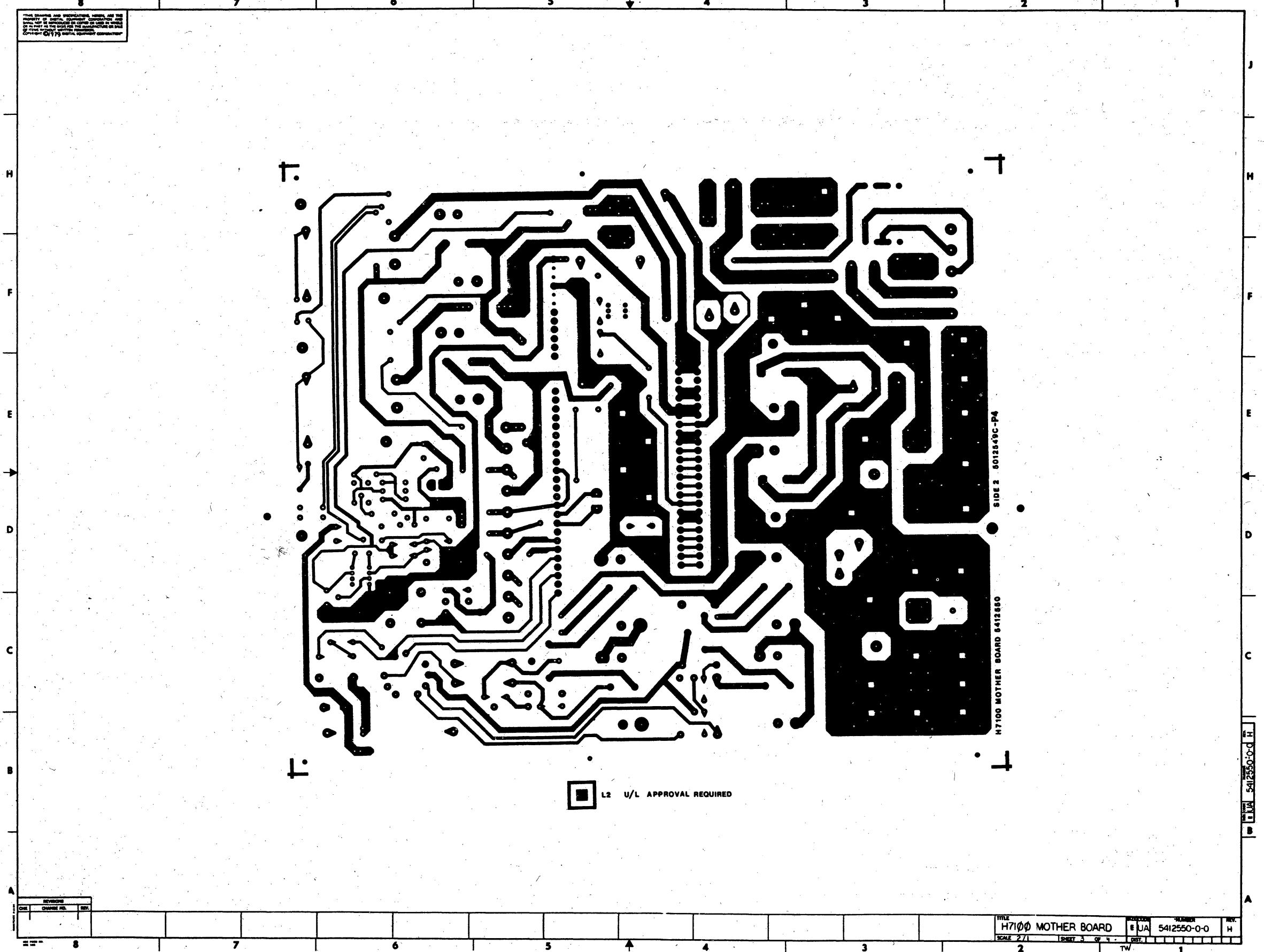
REF. NO.:	
CHK:	CHANGED
DATE:	
REVISION:	

STATUS BOARD DUA5412562-0-0 D
SCALE 2:1 SHEET 2 OF 2

1226





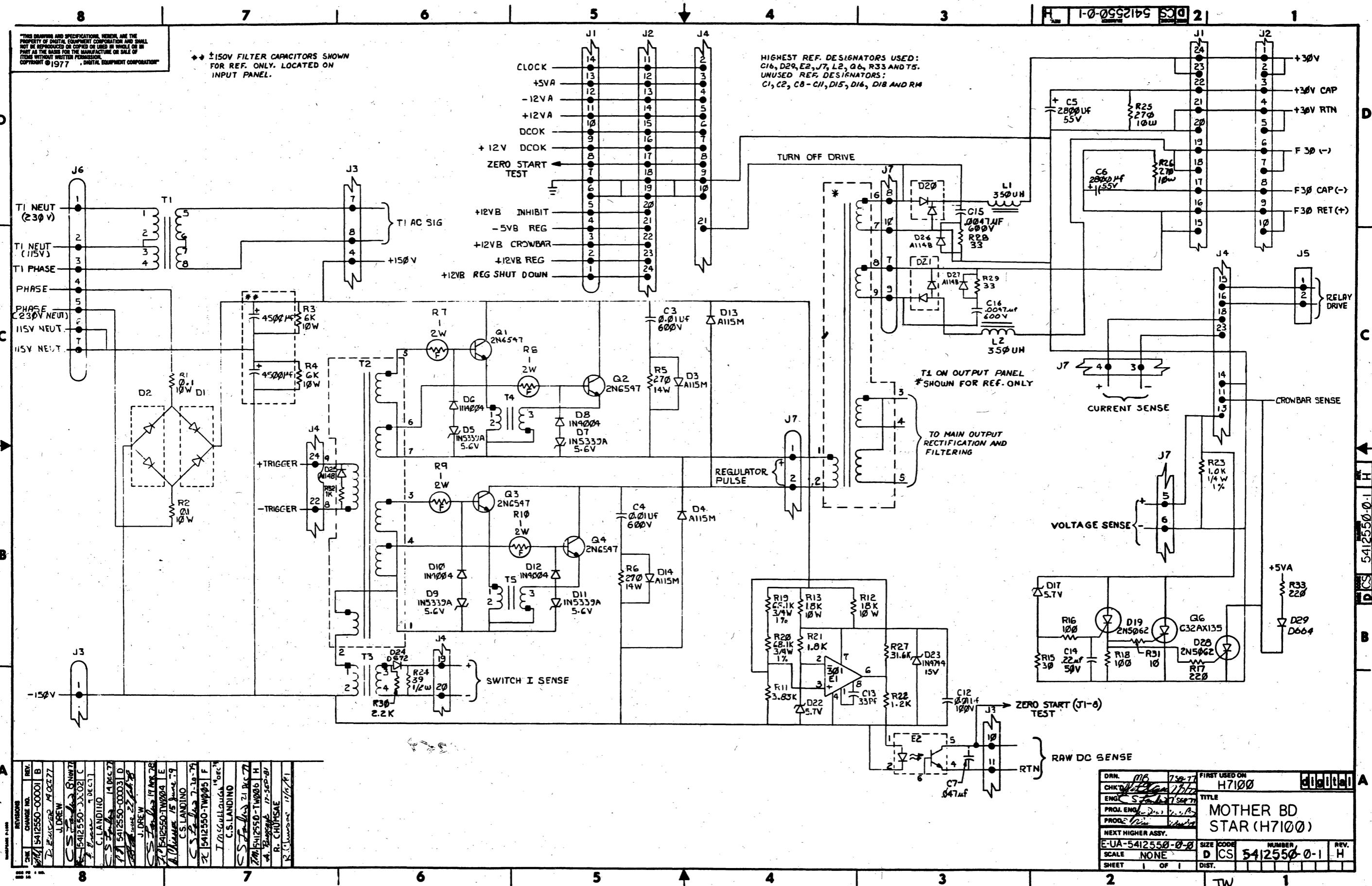


1229

REWORK INSTRUCTIONS
COMPONENT DELETES (SIDE 1)
6-1 DELETE R33, ITEM 69, P/N 1301972-00.
COMPONENT ADDS (SIDE 1)
6-2 ADD DIODE D29, ITEM 75 CATHODE
TO PTH TO THE LEFT OF J4-3.
6-3 ADD R33, ITEM 69, FROM D29-ANODE
TO PTH TO THE LEFT OF D29.

This image shows a blank, aged, cream-colored page, likely a page from a ledger or account book. The page features a grid system with horizontal lines and vertical margin lines on the left and right sides, labeled with letters A through H. The letters are arranged vertically along the left margin and horizontally along the right margin. The page shows signs of age, including creases, discoloration, and faint smudges. A vertical column of numbers is visible on the right edge, starting with '1' at the top and continuing down the page. The overall appearance is that of a historical document or record.

1230



1231

AUTOMATED BY PRTLST.3L(35)

PARTS LIST

SHEET A1 OF A2

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	D-MD-5012549-0-0	5012549-00	54-12550 PC BOARD	1	C13
		1000009-00	33.0 MMF 100V 5%200PPM MICA	1	C12
		1001610-01	.01 MFD50/100V +80-20% DISC	1	
		1014337-00	2800 MFD 55V 20% AL EL	2	C5,C6
		1011847-02	.01 MFD 600V 10% POLYPROP	2	C3,C4
		1011847-03	.0047 MFD 600V 10% POLYPROP	2	C15,C16
		1114192-01	TR=200NS COM. ANODE	1	D21
		1105648-00	IN 4744 VZ= 15.0 10% 1W	1	D23
		1105796-00	IN 4004 PIV=400 I= 1A D041 SP	4	D6,D8,D10,D12
		1105275-00	D 672 TR= 15NS PIV= 60V SI	1	D24
		1109519-00	*** THIS ITEM IS NOT USED ***	2	
		2N 5062	SCR0100V I=.8A T092	2	D19,D28
		1110968-00	SCR0100V I=.8A T092	2	D17,D22
		1111205-00	SCREENED VZ= 5.7 2% .40W	4	D3,D4,D13,D14
		1112594-02	A115M PIV=600 I= 3A	4	D1
		1114193-00	PIV=600 I=30A COM. CATH	1	D2
		1114193-01	PIV=600 I=30A COM. ANOD	1	D5,D7,D9,D11
		1114196-00	IN 5339A VZ= 5.6 10% SW	4	D20
		1114192-00	TR=200NS COM. CATHODE	1	
		1214255-04	HEAT SINK, SINGLE, T03 W/THREADE	4	
		1214255-05	HEAT SINK, DOUBLE, T03 W/THREADE	2	
		1212297-00	MATE-N-LOK 2PTN UNIV HEADER	1	J5
		1214257-00	EDGE CARD 12POS STRAIGHT .156CC	1	J3
		1214257-02	EDGE CARD 24POS STRAIGHT .156CC	3	J4,J1,J2
		1213071-02	INSULATOR, RUBBER SILICONE SM	8	
		1300229-00	100.0 .25 W 5.0 % CC	2	R16,R18
		1300398-00	1.80 K .25 W 5.0 % CC	1	R21
		1301320-00	1.20 K .25 W 5.0 % CC	1	R22
		1303114-00	1.0 K .25 W 1.0 % RN55D-F10	1	R23
		1302466-00	*** THIS ITEM IS NOT USED ***	1	R15
		1302751-00	30.0 .25 W 5.0 % CC	1	

REVISION HISTORY		BASIC PART NO: 5412550		DRN:	A.COLON	DATE: 01-AUG-79	D	I	G	I	T	A	L
ENG	ECO NUMBER	REV	SECTION A OF A	TITLE				PARTS LIST					
				CHK'D:	K.GLEESEN	DATE: 01-AUG-79							
---	INITIAL	E	SECTION VARIATION INDEX					MOTHER BD. STAR(H7100)					
CSL	TW005	F	[A] 00	DES.ENG:	C.S.LANDINO	DATE: 01-AUG-79							
RC	5412550-TW006	H	[B]	RESP.ENG.:	C.S.LANDINO	DATE: 01-AUG-79							
			[C]										
			[D]										
			[E]										
			[F]										
			[G]										
			[H]										
			[I]										
			[J]										
			[K]										
			[L]										
			[M]										
			[N]										
DOCUMENT NUMBER													
SIZE CODE													
NUMBER													
REV													
MFG.ENG.:													
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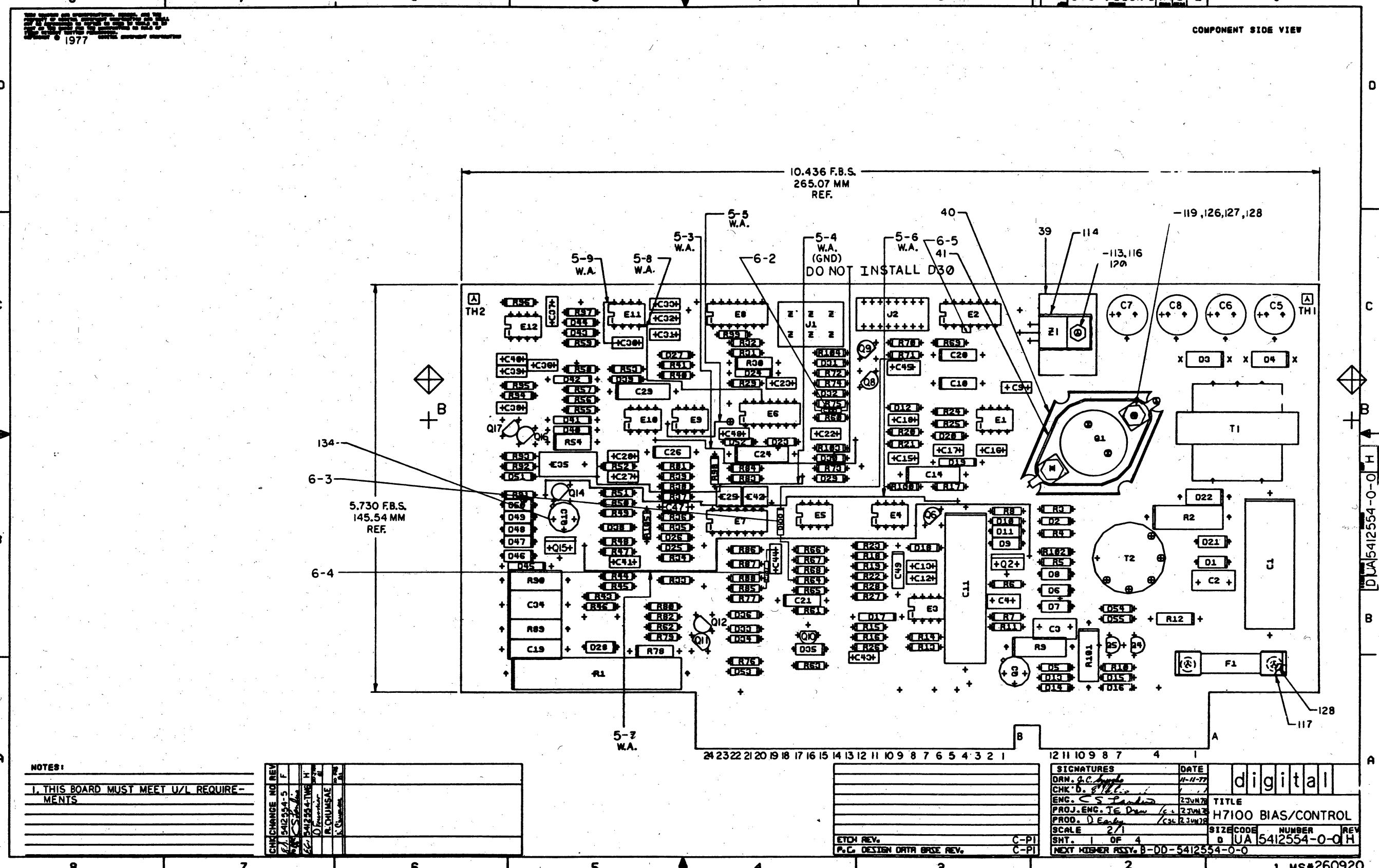
PARTS LIST

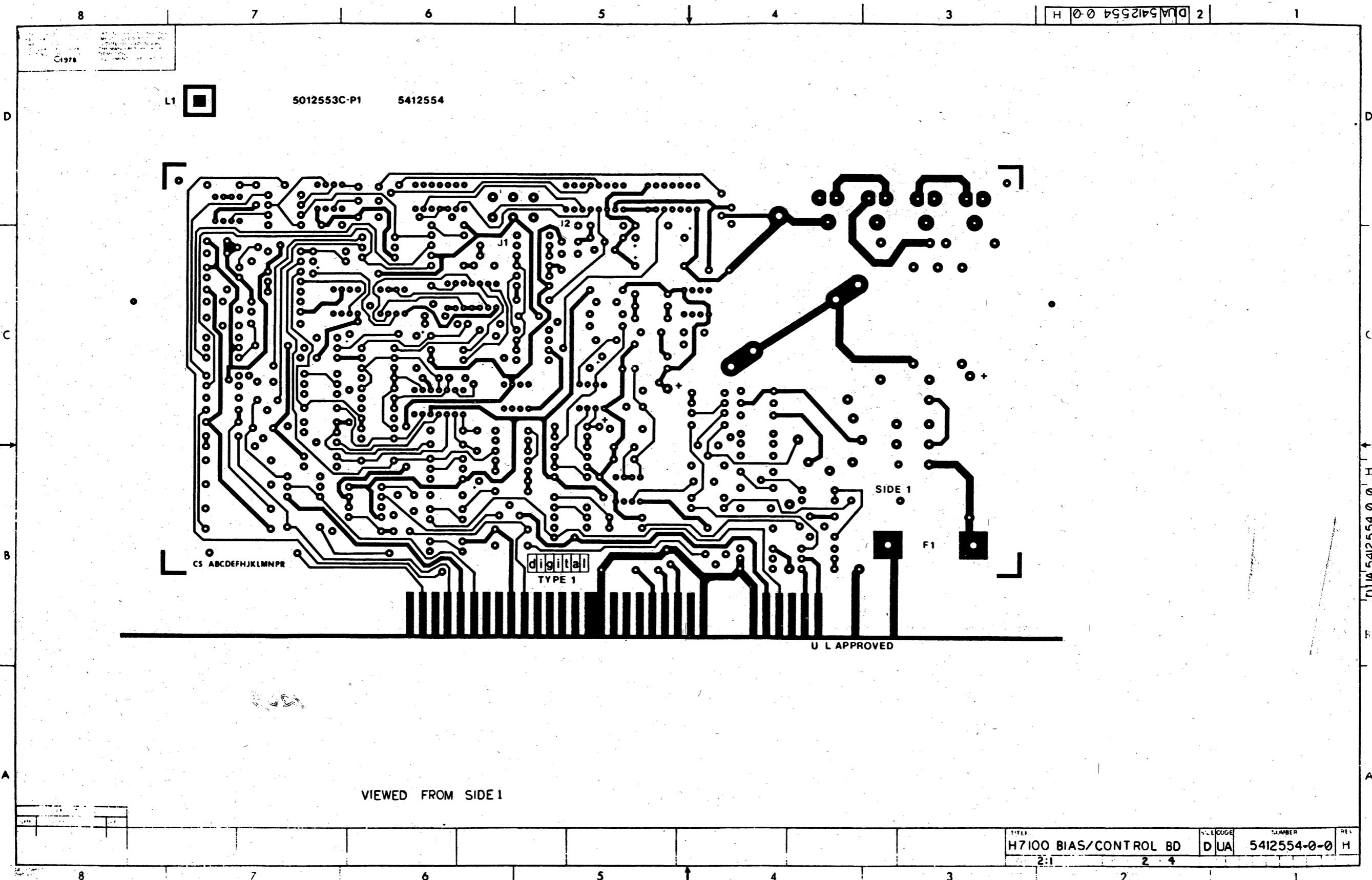
SHEET A2 OF A2

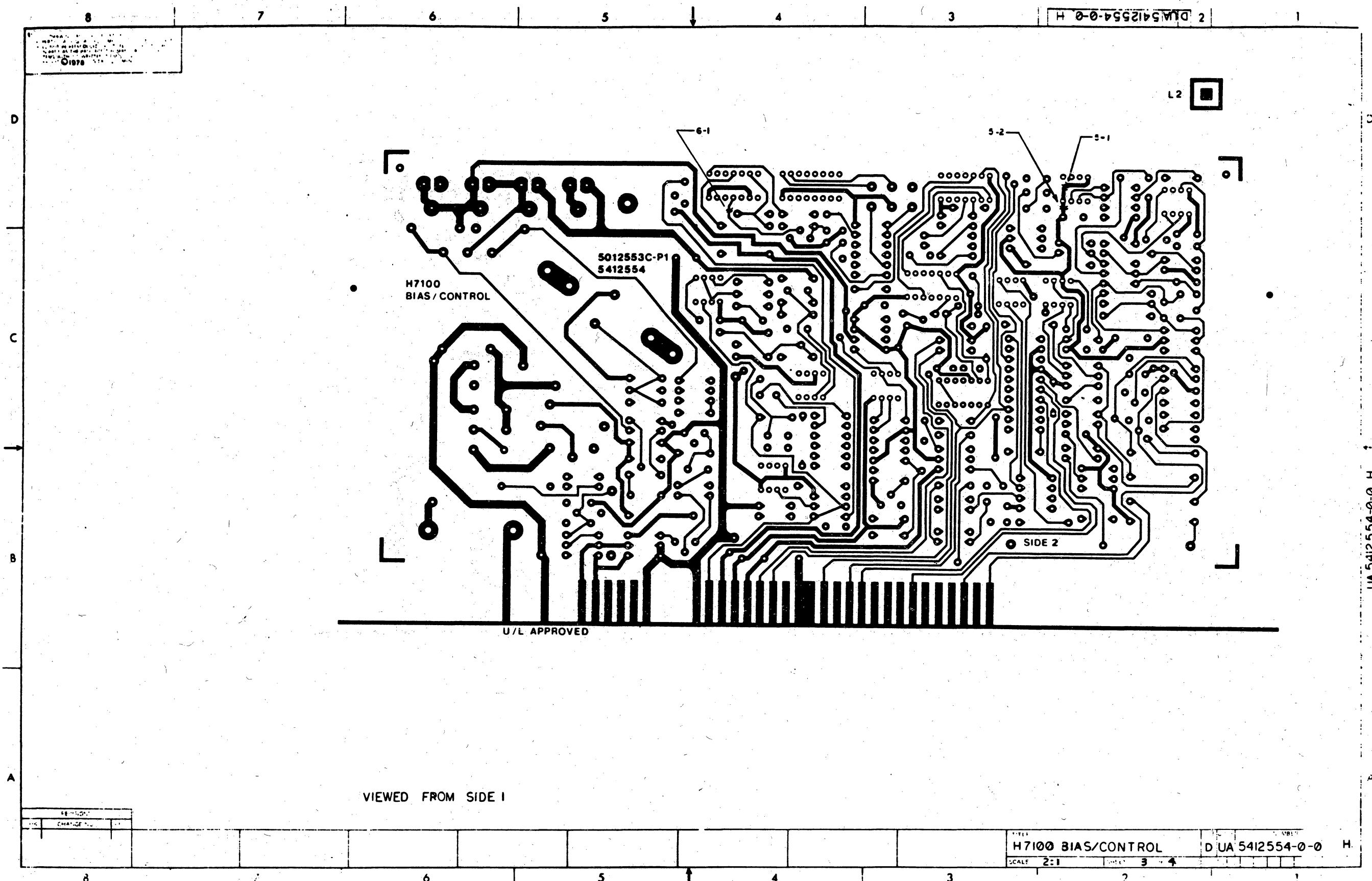
LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
31	31	1302884-00	68.10 K .75 W 1.0 % RN65D-F10	2	R19, R20
32	32	1309413-00	3.83 K .25 W 1.0 % RN55D-F10	1	R11
33	33	1309108-00	.10 K 10.0 W 1.0 % WW	2	R1, R2
34	34	1303297-00	6.0 K 10.0 W 5.0 % WW	2	R3, R4
35	35	1314172-00	270.0 14.0 W 5.0 % WW	2	R5, R6
36	36	1314350-00	1.0 2.0 W10.0 % FUSE	2	R7-R10
37	37	1314544-00	270.0 10.0 W 5.0 % WW	2	R25, R26
38	38	1314173-00	18.0 K 10.0 W 5.0 % WW	2	R12, R13
39	39	1302336-00	39.0 .50 W 5.0 % CC	1	R24
40	40	1305419-00	31.60 K .25 W 1.0 % RN55D-F10	1	R27
41	41	1314351-00	33.0 5.0 W10.0 % WW	2	R28, R29
42	42	1514195-00	2N6547 NPN 400V SI 15A	4	Q1-Q4
43	43	1510928-00	C32AX135 SCR@100V I=25A	1	Q6
44	44	1612919-01	XFMR P=AB S= 12.6CT@100MA 50HZ	1	T1
45	45	1614204-00	PULSE XFMR 20312 BASE DRIVE	1	T2
46	46	1614202-00	XFMR CURRENT	1	T3
47	47	1614203-00	CHOKÉ, BALUN-COMMON MODE	2	T4, T5
48	48	1614334-00	1.6 UH 10A	2	L1, L2
49	49	1910282-00	301AN OP AMP	1	E2
50	50	1914194-01	OPTP-COUPLED ISOLATOR	1	E1
51	51	9000038-08	SCREW, PAN, PHIL 10-32X 7/16 BR/T	4	
52	52	9007906-00	WASHER, LOCK S.S. #10	4	
53	53	9006024-01	SCREW, PAN, PHIL 6-32X 1/2 SS	16	
54	54	BLANK		0	
55	55	9009676-00	TERM, SOLDER BARRIER STR	16	
56	56	9010164-00	WASHER, FLAT, .380 OD X .203 ID	4	
57	57	9006656-00	WASHER, FLAT, .312 O.D. X .156 I	4	
58	58	9007801-00	WASHER, LOCK S.S. #6	4	
59	59	9107688-33	*** THIS ITEM IS NOT USED ***	-	
60	60	1212434-05	TERM BLOCK 7POS	1	J6
61	61	1212484-04	TERM BLOCK 10POS .375 SPACING PC	1	J7
62	62	9006023-01	SCREW, PAN, PHIL 6-32X 7/16 SS	4	
63	63	1112595-01	A1148 PIV=200 I= 1A	3	D25-D27
64	64	1300365-00	1.0 K .25 W 5.0 % CC	1	R32
65	65	9107560-03	*** THIS ITEM IS NOT USED ***	-	
66	66	9107278-11	*** THIS ITEM IS NOT USED ***	-	
67	67	9008376-00	*** THIS ITEM IS NOT USED ***	-	
68	68	BLANK		0	
69	69	1300271-00	220.0 .25 W 5.0 % CC	2	R17, R33
70	70	1301317-00	10.0 .25 W 5.0 % CC	1	R31
71	71	1300417-00	2.20 K .25 W 5.0 % CC	1	R30
72	72	1012784-00	.047 MFD .50V +80-20% CER	1	C7
73	73	1010274-01	.22 MFD .50V +80-20% ZSU CER	1	C14
74	74	9007649-00	WASHER, LOCK, EXTERNAL TOOTH #6	16	
75	75	1100114-00	D 664 QS75PCB PIV= 25V SP	1	D29

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MOTHER BD. STAR(H7100)		K	PL	5412550-0-DBP	H

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2 DUA5412554-0-0 H

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FIRST RELEASE

DELETES SIDE 1:

ETCH CUT SIDE 1:

ETCH CUT SIDE 2:

5-1) BETWEEN E11/4 & E11/8
5-2) " E11/4 & C30
6-1) CUT ETCH FROM E8-12
AT E2-4 (NOTE THAT E2-4
AND E2-3 ARE REVERSED
ON SCHEMATIC.)

COMPONENT ADD SIDE 1:

6-2) ADD C100 IN PARALLEL
WITH R75.
6-3) ADD DIOD WITH SLEEVING
P/N 91-07256-11 ON LEADS.
ANODE TO THE JUNCTION OF
R63, R64, R65, C21 AND
CATHODE TO E8-12 USING P/N
90-05740-55
6-4) ADD C101 FROM RIGHT
HAND SIDE OF R85 (GROUND)
TO PLATED THRU HOLE BY
RIGHT HAND SIDE OF R86.

WIRE ADDS SIDE 1:

5-3) FROM E10/4 TO FEEDTHRU RIGHT OF R103
5-4) " D29/ANODE TO FEEDTHRU BELOW
C27
5-5) E9/8 TO FEEDTHRU NEAR E6/1
5-6) " Q14/EMITTER TO C11/4
FEEDTHRU RIGHT OF Q15 TO
FEEDTHRU RIGHT OF Q2
5-7) " E11/4 TO E6/12
5-8) " E11/8 TO C30
6-5) " E2-3 TO E2-4

DELETES SIDE 2:

WIRE ADDS SIDE 2:

REVISIONS			TITLE										SCALE		NUMBER		
CHK	CHANGE NO.	REV.	H7100 BIAS/CONTROL										1	2	3	4	
													DUA5412554-0-0	H			
													1	2	3	4	
													W0260920				

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-MD-5012553-0-0	5012553-00	5412554	
2	2		1000009-00	33.0 MMF 100V 55200PPM MICA	2 C15,C28
3	3		1000042-00	1000.0 MMF 100V 52200PPM MICA	4 C13,C32,C33,C39
4	4		1000055-00	2200.0 MMF 250V 20% Y5S DISC	1 C23
5	5		1000064-00	3.9MFD 10V 10% S.TANT	1 C20
6	6		1001610-01	.01 MFD50/100V +80-20% DISC	10 C12,C16,C18,C22,C31,C36,C38,C41,C44,C43
7	7		1001776-00	1 MFD 35V 10% S.TANT	2 C10,C49
8	8		1002180-00	.15 MFD 35V 20% S.TANT	1 C21
9	9		1000026-00	680.0 MMF 100V 52200PPM MICA	1 C4
10	10		1002504-00	3600.0 MMF 100V 52200PPM MICA	1 C3
11	11		1002627-00	2.2MFD 20V 10% S.TANT	1 C26
12	12		1004813-00	10 MFD 20V 10% S.TANT	1 C14
13	13		1005306-00	6.8MFD 35V 10% S.TANT	1 C29
14	14		1013280-00	680.0 MMF 1000V 52200PPM MICA	1 C2
15	15		1010978-36	.1 MFD 50V 10% CER	5 C9,C27,C30,C40,C101
16	16		1012607-00	.560 MFD 20V+100-10% AL EL	4 C5-C8
17	17		1010279-00	.47 MFD 25V 20% CER	2 C25,C42
18	18		1011849-01	600 MFD 25V +75-10% AL EL	1 C11
19	19		1013669-04	1 MFD 400V 10% M.POLYPROP	1 C1
20	20		1013291-01	.22 MFD 80V 10% MYLR	1 C34
21	21		1014430-00	.022 MFD 270V 10% M.POLYPROP	1 C19
22	22		1011847-01	.01 MFD 400V 10% POLYPROP	1 C35
23	23		1100114-00	D 664 QS\75PCB PIV= 25V SP	19 D23,D25-D27,D29,D31-D34,D36,D39,D38,D43,D44,D52-D55,D100
24	24		1102495-00	VZ= 3.3 5% .25W	1 D24
25	25		1100125-00	1N 758A VZ= 10.0 5% .40W PPE	1 D17
26	26		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	8 D2,D5,D12-D16,D51
27	27		1105871-00	1/4M5.1AZ1 = 5.1 1% .25W N	2 D19,D42
28	28		1109990-00	1N 757A VZ= 9.1 5% .40W P	1 D40

REVISION HISTORY		BASIC PART NO: 5412554		DRN:	R. BUREAU	DATE: 02-FEB-79	D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A				TITLE		PARTS LIST		
ICL	5412554-ML05A	F	SECTION.VARIATION INDEX	CHK'D: T. SHETRAWSKI			DATE: 13-APR-79	H7100 BAIS CONTROL			
IRC	5412554-TW006	H	CAJ 00								
		[B]									
		[C]		DES.ENG: C. LANDINO			DATE: 02-FEB-79	DOCUMENT NUMBER			
		[D]									
		[E]									
		[F]		RESP.ENG.: C. LANDINO			DATE: 02-FEB-79				
		[G]									
		[H]					SIZE				
		[I]					CODE	NUMBER			
		[J]									
		[K]		MFG.ENG.: E. BLAIR			02-FEB-79	K	PL		
		[L]						5412554-0-DBP	H		
		[M]									
		[N]		ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:	FILE NAME:			
				D-UA-5412554-0-0				Z0426.PLS			
								EDIT #			
								11			

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
29	29	1110836-00	1N 759A VZ= 12.0 5% .40W	1	D45
30	30	1105275-00	D 672 TR= 15NS PIV= 60V SI	3	D10,D18,D20
31	31	1111205-00	SCREENED VZ= 5.7 2% .40W	1	D41
32	32	1112594-01	A115B PIV=200 I= 3A	2	D3,D4
33	33	1112595-00	A114F PIV= 50 I= 1A	0	
34	34	1112595-01	A114B PIV=200 I= 1A	11	D6-D9,D11,D35,D46-D50
35	35	1112595-02	A114M PIV=600 I= 1A	3	D1,D21,D28
36	36	1113123-00	1.5K3200 VOLT.TRANS.SUPRESS. 220	1	D22
37	37	1211813-02	SOCKET 16PIN IC LOW PROFILE	1	J2
38	38	1212297-05	MATE-N-LOK 6PIN UNIV HEADER	1	J1
39	39	1212487-01	HEAT SINK EXTRUSION PLASTIC STAM	1	
40	40	1213426-01	HEAT SINK TO-3	1	
41	41	1213071-02	INSULATOR,RUBBER SILICONE SM	1	
42	42	1300229-00	100.0 .25 W 5.0 % CC	3	R3,R73,R79
43	43	1300285-00	270.0 .50 W 5.0 % CC	1	R12
44	44	1300287-00	270.0 1.0 W10.0 % CC	3	R9,R89,R101
45	45	1300247-00	120.0 .25 W 5.0 % CC	1	R29
46	46	1300316-00	470.0 .25 W 5.0 % CC	3	R5,R91,R8
47	47	1300347-00	680.0 .50 W 5.0 % CC	1	R78
48	48	1300365-00	1.0 K .25 W 5.0 % CC	17	R6,R7,R11,R13,R16,R20,R22,R23, CONT R71,R72,R74,R82-R84,R98,R99,R75
49	49	1300391-00	1.50 K .25 W 5.0 % CC	2	R32,R76
50	50	1300417-00	2.20 K .25 W 5.0 % CC	2	R31,R33
51	51	1300421-00	2.20 K 2.0 W10.0 % CC	1	R2
52	52	1300432-00	3.0 K .25 W 5.0 % CC	3	R44,R60,R70
53	53	1300447-00	4.70 K .25 W 5.0 % CC	4	R86,R53,R26,R61
54	54	1300479-00	10.0 K .25 W 5.0 % CC	5	R18,R55,R81,R103,R104
55	55	1300439-00	3.30 K .25 W 5.0 % CC	1	R62
56	56	1300495-00	15.0 K 1.0 W10.0 % CC	1	R90
57	57	1300496-00	15.0 K .25 W 5.0 % CC	2	R15,R58
58	58	1300507-00	27.0 K .50 W10.0 % CC	1	R30
59	59	1302398-00	470.0 K .25 W 5.0 % CC	2	R39,R38
60	60	1300539-00	120.0 K .25 W 5.0 % CC	1	R34
61	61	1305346-00	27.0 K .25 W 5.0 % CC	1	R37
62	62	1300202-00	47.0 K .25 W 5.0 % CC	3	R4,R46,R40
63	63	1303067-00	422.0 .25 W 1.0 % RN55D-F10	1	R95
64	64	1302177-00	47.0 K .25 W 5.0 % CC	1	R66
65	65	1302298-00	261.0 K .25 W 1.0 % RN55C-F 5	1	R47
66	66	1310597-00	100.0 10.0 W 5.0 % WW	1	R1
67	67	1300309-00	390.0 .25 W 5.0 % CC	1	R77
68	68	1302389-00	4.30 K .25 W 5.0 % CC	2	R51,R19
69	69	1302411-00	511.0 .25 W 1.0 % RN55D-F10	3	R68,R36,R45
70	70	1302466-00	100.0 K .25 W 5.0 % CC	1	R21
71	71	1302514-00	39.0 K .25 W 5.0 % CC	2	R49,R57
72	72	1302685-00	909.0 .25 W 1.0 % RN55D-F10	1	R67
73	73	1303179-00	8.20 K .25 W 5.0 % CC	1	R10
74	74	1304856-00	4.64 K .25 W 1.0 % RN55D-F10	1	R93
75	75	1303303-00	2.61 K .25 W 1.0 % RN55D-F10	1	R27

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TITLE H7100 BAIS CONTROL SECTION A OF A SIZE CODE DOCUMENT NUMBER REV

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
76	76	1303313-00	12.10 K .25 W 1.0 % RN55D-F10	2	R52,R69
77	77	1303362-00	205.0 K .50 W 1.0 % RN60D-F10	1	R54
78	78	1304833-00	1.96 K .25 W 1.0 % RN55D-F10	2	R28,R63
79	79	1304858-00	348.0 .25 W 1.0 % RN55D-F10	2	R87,R88
80	80	9007201-00	TRANSIPADS #10253	2	
81	81	1305265-00	39.20 K .25 W 1.0 % RN55D-F10	1	R96
82	82	1304841-00	75.0 K .25 W 5.0 % CC	1	R50
83	83	1305324-00	4.99 K .25 W 1.0 % RN55D-F10	1	R85
84	84	1301422-00	7.50 K .25 W 5.0 % CC	1	R80
85	85	1309419-00	19.60 K .25 W 1.0 % RN55D-F10	1	R92
86	86	1305421-00	35.70 K .25 W 1.0 % RN55D-F10	1	R25
87	87	1309417-00	27.40 K .25 W 1.0 % RN55D-F10	1	R59
88	88	1312482-00	2.70 .25 W 5.0 % CC	1	R94
89	89	1310881-00	1.0 K .25 W 1.0 % FUSE	3	R48,R56,R64
90	90	1311522-00	200.0 .25 W 5.0 % CC	1	R14
91	91	1311594-00	30.10 K .25 W 1.0 % RN55D-F10	1	R24
92	92	1302377-00	39.0 .25 W 5.0 % CC	1	R43
93	93	1300197-00	33.0 .25 W 5.0 % CC	1	R41
94	94	1313476-00	51.10 K .25 W 1.0 % RN55D-F10	1	R35
95	95	1300426-00	2.70 K .25 W 5.0 % CC	1	R97
96	96	1509649-01	3762 PNP 4W SI 40 35	1	Q3
97	97	1510705-00	XA 05 NPN 500MW SI 60 50 P	4	Q4,Q5,Q10,Q12
98	98	1510706-00	XA 55 PNP 500MW SI 60 50 P	7	Q6,Q8,Q9,Q11,Q16,Q17,Q14
99	99	1510959-00	2N 3725 NPN 3.5WC SI 50 60 P	1	Q13
100	100	1512782-00	NPN 100W S1325 15	1	Q1
101	101	1512790-00	D 44C12 NPN 30W SI	1	Q2
102	102	1514271-01	D 44Q5 NPN 31W SI225 30	1	Q15
103	103	1614209-00	PULSE XFMR, RATIO 1:8:32	1	T2
104	104	1614201-00	XFMR, POWER, PC MNT 20KHZ 30W	1	T1
105	105	1909373-00	9601 ONE SHOT, RETRIGGERAB	1	E2
106	106	1910282-00	301AN OP AMP	3	E4,E5,E10
107	107	1914432-00	75454 DRIVER, PERIPH, DUAL,	1	E9
108	108	1911944-00	555CN TIMER, FUNCT. BLOCK	4	E1,E3,E11,E12
109	109	1912838-00	LS132 NAND GATE-QUAD 2IN P	1	E6
110	110	1912108-00	339 VOLT CMPTR, QUAD	1	E7
111	111	1912536-00	DEC 7805 VOLT REG, FIX +5V	1	Z1
112	112	1912813-00	LS27 NOR GATE-TRIPLE 3IN	1	E8
113	113	9006557-00	NUT, KEP , 4-40X 1/4 AF	1	
114	114	9009769-00	WASHER, RECTANGULAR .405X.225X.0	1	
115	115	9007203-00	CLIP, FUSE, WITH STOP, SCREW MOU	2	
116	116	1213071-06	INSULATOR, RUBBER SILICONE	1	
117	117	1215536-01	FUSE, REG BLOW, 2.000A 250V, C	1	F1
118	118	9009000-00	EYELET, ROLLED FLANGE, .121 OD X	2	
119	119	9009676-00	TERM LUG 1POS SOLDER	2	
120	120	9006011-01	SCREW, PAN, PHIL 4-40X 3/8 SS	1	
121	121	1014169-00	1000.0 MMF 100V 1Z200PPM MICA	2	C17,C37
122	122	1001765-00	.005 MFD 100V 20% ZST DISC	2	C47,C48
123	123	1301320-00	1.20 K .25 W 5.0 % CC	1	R102

TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
H7100 BAIS CONTROL			K PL	5412554-0-DBP	H

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PARTS LIST

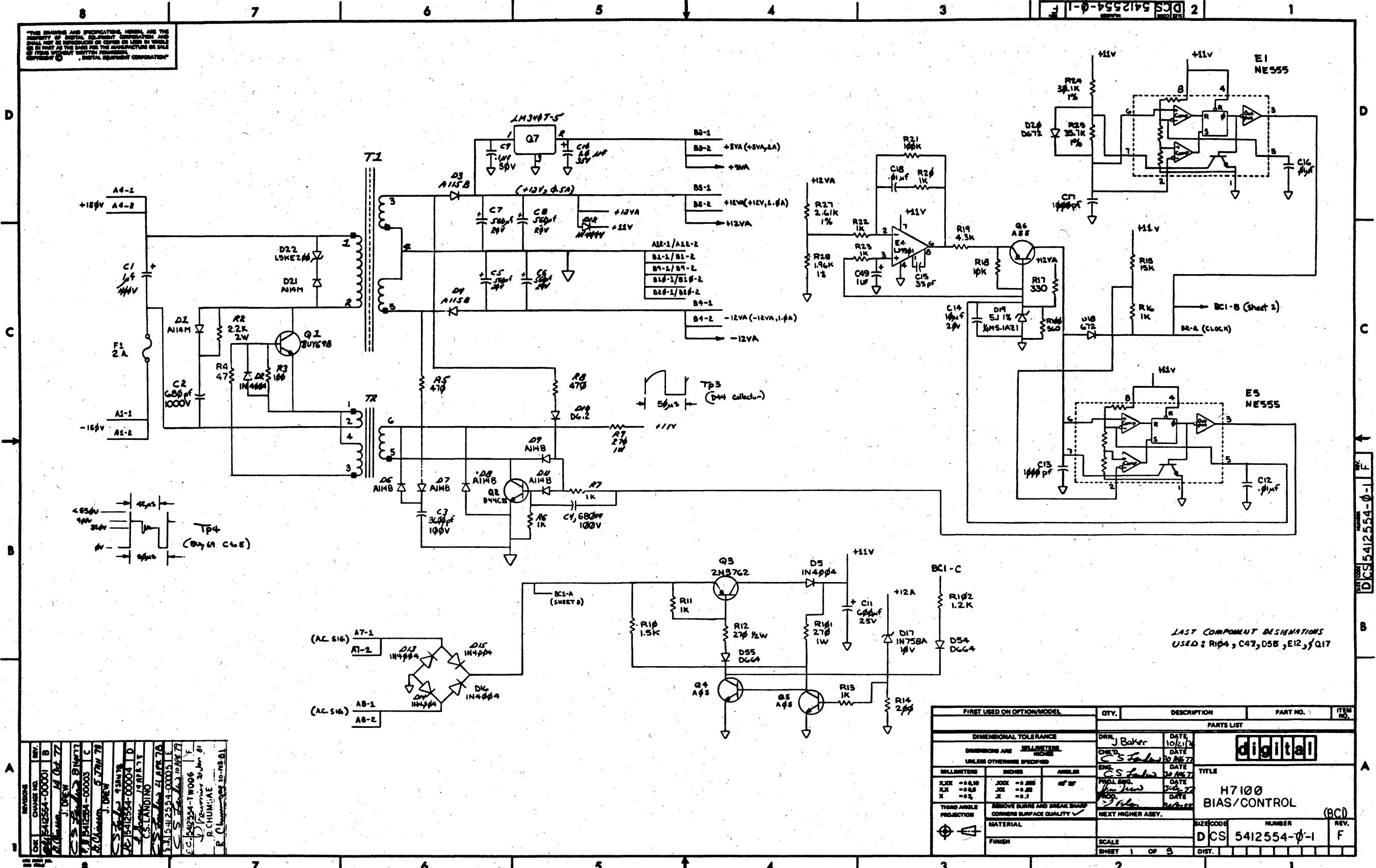
SHEET A4 OF A4

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
124	124	1313155-00	604.0 .25 W 1.0 % RN55D-F10	1	R65
125	125	1301890-00	560.0 .25 W 5.0 % CC	1	R100
126	126	9006022-01	SCREW, PAN, PHIL 6-32X .3/8 SS	2	
127	127	9007801-00	WASHER, LOCK, S.S. #6	2	
128	128	9006558-00	NUT, HEX .6-32X5/16AF X 7/	2	
129	129	1010274-00	.22 MFD 50V +80-20% Z5U CER	2	
130	130	9107256-11	TUBING, THIN WALL, .027ID UL	A/R	
131	131	9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
132	132	1300295-00	330.0 .25 W 5.0 % CC	1	R17
133	133	1302871-00	1.21 K .25 W 1.0 % RN55D-F10	1	R105
134	134	9107252-00	TUBING, SHRINK, .375ID EXP. UL	A/R	
135	135	1000076-00	.39 MFD 10V 10% S.TANT	1	C24

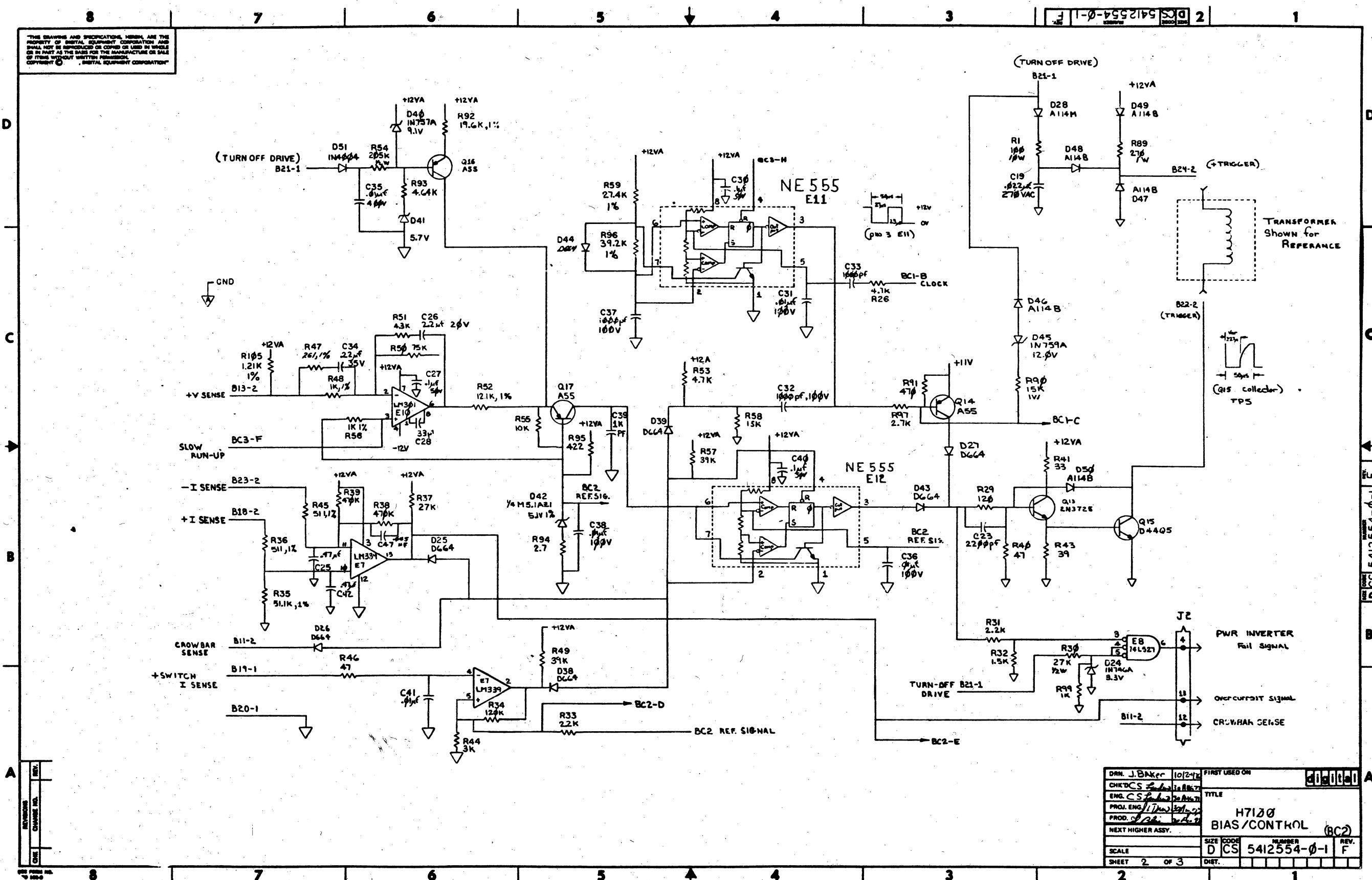
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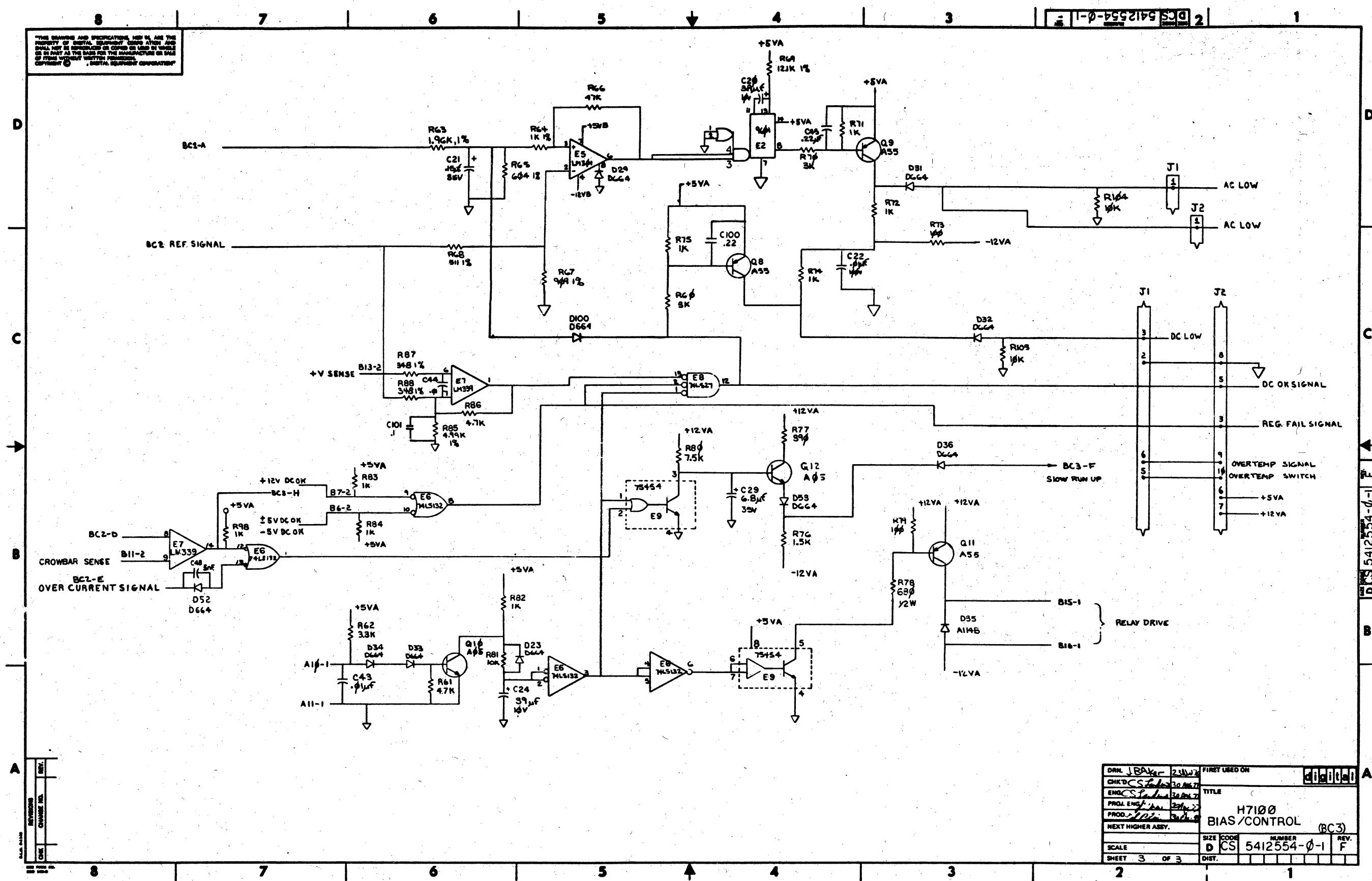


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